VIENNA SYMPHONIC LIBRARY

Vienna Instruments
Saxophones
Mapping Documentation

Soprano
Alto
Tenor
Baritone
Bass

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Introduction

This document contains the mapping list for the Saxophones Collection of Vienna Instruments, which consists of the five principal instruments of the saxophone family: soprano, alto, tenor, baritone, and bass. You will find here a comprehensive survey of the articulations/patches for the Standard and the Extended Libraries of each instrument, a listing of abbreviations, and the mapping list proper which gives details for every Patch, Matrix, and Preset in the collection.

Patch information

The Patch information includes articulation type, playing range, number of samples used, RAM requirements, the number of velocity layers and alternations, AB switching possibilities, etc., as well as Patch specific information if necessary.

Where the type of articulation requires a special mapping, the mapping layout will be shown in a detailed graphic.

Grace notes are mapped to their target note, i.e., the note the articulation ends with. Due to their nature, all **upward and downward articulations** (e.g., fixed glissandos and octave runs) have different mapping ranges – the upward movements ending the involved interval below the Patch's upper mapping range, while downward movements end the interval above its lower mapping range. (Please note that not all of the articulations mentioned above may be contained in your Collection.)

The velocity layer switches generally are the same for patches with the same number of layers but may occasionally be adapted to the instrument's requirements. In some cases where the velocity mapping differs considerably from the normal layout, this will be noted in the mapping information.

Layers	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5
2	0–88	89–127			
3	0–55	56–88	89–127		
4	0–55	56–88	89–108	109-127	
5	0–55	56–88	89–108	109-118	119–127

Matrix information

Each Matrix listing contains information regarding the Patches used for the Matrix, the number of horizontal and vertical dimensions, and switching properties. A mapping table shows the Cell positions for each of the Matrix' Patches.

A/B switching normally is set to A0 for upward/crescendo, and B0 for downward/diminuendo, as well as for other types of AB switch. However, some bass instruments go below that range so that the A/B keys may have to be adapted accordingly.

In order to facilitate working with **MIDI controller switches** like the Modulation wheel, the switching positions are not distributed equally across the controller range if they control more than two Matrix rows or columns; generally, the switching range will be narrower at the extreme positions because they are easy to set, and wider in the middle where it is harder to find the desired setting.

Speed controller switches naturally are adjusted to the Patches involved, and have been tested carefully as to their playability. However, if you find that they do not fit your playing, or want to try out other settings, you can change this as well as any other controller's settings at the **Control edit** page, and save the result in your Custom Matrix folder.

Preset information

The Preset information lists the Matrices used in the Preset as well as its keyswitches. All other information can be gathered from the Matrix and Patch listings, so there's not really much to say here.

Articulations

Instrument/Group	Level 1 (Standard) content	Level 2 (Extended) content
70 Soprano Sax		
01 SHORT + LONG NOTES	Staccato, portato short Sustained with and without vibrato	Portato medium, portato long marcato Slap normal and muted, key noise Sustained with progressive vibrato, "dirty" Short and long bends
02 DYNAMICS	Crescendo-diminuendo with vibrato, 3 and 5 sec. Fortepiano and sforzato with vibrato	Medium dynamics with vibrato, 2 and 5 sec. Strong dynamics with vibrato, 3 and 5 sec. Medium dynamics without vibrato, 1.5 and 2 sec. Sforzatissimo with vibrato
03 FLATTER + TRILLS	Trills normal, minor and major 2nd	Flutter tonguing, crescendo Trills accelerando, minor and major 2nd Dynamics for all trills
10 PERF INTERVAL	Legato with vibrato	Legato without vibrato, sustain crossfading Grace notes, minor 2nd to octave Portamento Glissandos, up, minor 2nd to octave Marcato
11 PERF INTERVAL FAST	Legato	Marcato
12 PERF TRILL		Trills, legato, minor 2nd to major 3rd
13 PERF REPETITION		Legato slow and fast Portato slow and fast Staccato Dynamics for all repetitions
14 FAST REPETITION		Staccato, 9 repetitions, 140 to 180 BPM Normal and dynamics
15 GRACE NOTES		Grace notes Minor 2nd to octave Up and down Samples are mapped to the target note
16 SCALE RUNS		Octave runs Legato, chromatic and whole tone Up and down
17 BENDS DOWN	Sustained with and without vibrato Legato with vibrato	Sustained with progressive vibrato, and 'dirty' Grace notes, portamento, glissando up, marcato interval performances Performance trills

Instrument/Group	Level 1 (Standard) content	Level 2 (Extended) content
71 Alto Sax		
01 SHORT + LONG NOTES	Staccato, portato short Sustained with and without vibrato	Portato medium Slap short and long, key noise Sustained with progressive vibrato, "dirty" Short and long bends
02 DYNAMICS	Crescendo-diminuendo with vibrato, 5 sec. Crescendo-diminuendo without vibrato, 4 sec. Fortepiano and sforzato with vibrato	Medium dynamics with vibrato, 1.5/2/3/4/5 sec. Strong dynamics with vibrato, 3/4/5 sec. Medium dynamics without vibrato, 1.5/2/3/4 sec. Strong dynamics without vibrato, 2/3/4 sec. Crescendo-diminuendo without vibrato, 2 and 3 sec. Diminuendo-crescendo without vibrato, 2 and 3 sec. Sforzatissimo with vibrato Fortepiano, sforzato, sforzatissimo without vibrato
03 FLATTER + TRILLS	Trills normal, minor and major 2nd	Flutter tonguing, crescendo Trills accelerando, minor and major 2nd Dynamics for all trills
10 PERF INTERVAL	Legato with vibrato	Legato without vibrato, sustain crossfading Grace notes, minor 2nd to octave Portamento Glissandos, up, minor 2nd to octave Marcato
11 PERF INTERVAL FAST	Legato	Marcato
12 PERF TRILL		Trills, legato, minor 2nd to major 3rd
13 PERF REPETITION		Legato slow, medium, and fast Portato Staccato Dynamics for all repetitions
14 FAST REPETITION		Staccato, 9 repetitions, 140 to 180 BPM Normal and dynamics
15 GRACE NOTES		Grace notes Minor 2nd to octave Up and down
16 SCALE RUNS		Octave runs Legato, chromatic and whole tone Up and down
17 BENDS DOWN	Sustained with and without vibrato Legato with vibrato	Sustained with progressive vibrato, and 'dirty' Grace notes, portamento, glissando up, marcato interval performances Performance trills

Instrument/Group	Level 1 (Standard) content	Level 2 (Extended) content
72 Tenor Sax		
01 SHORT + LONG NOTES	Staccato, portato short Sustained with and without vibrato	Portato medium, portato long marcato Slap normal and muted, key noise Sustained with progressive vibrato, "dirty" Short and long bends
02 DYNAMICS	Crescendo-diminuendo with vibrato, 3 and 5 sec. Fortepiano and sforzato with vibrato	Medium dynamics with vibrato, 2 and 4 sec. Strong dynamics with vibrato, 3 and 5 sec. Medium dynamics without vibrato, 1.5 and 2 sec. Sforzatissimo with vibrato
03 FLATTER + TRILLS	Trills normal, minor and major 2nd	Flutter tonguing, crescendo Trills accelerando, minor and major 2nd Dynamics for all trills
10 PERF INTERVAL	Legato with vibrato	Legato without vibrato, sustain crossfading Grace notes, minor 2nd to octave Portamento Glissandos, up, minor 2nd to octave Marcato
11 PERF INTERVAL FAST	Legato	Marcato
12 PERF TRILL		Trills, legato, minor 2nd to major 3rd
13 PERF REPETITION		Legato slow and fast Portato slow and fast Staccato Dynamics for all repetitions
14 FAST REPETITION		Staccato, 9 repetitions, 140 to 180 BPM Normal and dynamics
15 GRACE NOTES		Grace notes Minor 2nd to octave Up and down
16 SCALE RUNS		Octave runs Legato, chromatic and whole tone Up and down
17 BENDS DOWN	Sustained with and without vibrato Legato with vibrato	Sustained with progressive vibrato, and 'dirty' Grace notes, portamento, glissando up, marcato interval performances Performance trills

Instrument/Group	Level 1 (Standard) content	Level 2 (Extended) content
73 Baritone Sax		
01 SHORT + LONG NOTES	Staccato, portato short Sustained with and without vibrato	Portato medium Slap, key noise Sustained with progressive vibrato, "dirty" Short and long bends
02 DYNAMICS	Crescendo-diminuendo with vibrato, 3 and 5 sec. Fortepiano and sforzato without vibrato	Medium dynamics with vibrato, 1.5/2/5 sec. Strong dynamics with vibrato, 3 and 5 sec. Medium dynamics without vibrato, 1.5/2/3 sec. Sforzatissimo without vibrato
03 FLATTER + TRILLS	Trills normal, minor and major 2nd	Flutter tonguing, crescendo Trills accelerando, minor and major 2nd Dynamics for all trills
10 PERF INTERVAL	Legato with vibrato	Legato without vibrato, sustain crossfading Grace notes, minor 2nd to octave Portamento Marcato
11 PERF INTERVAL FAST	Legato	Marcato
12 PERF TRILL		Trills, legato, minor 2nd to major 3rd
13 PERF REPETITION		Legato slow and fast Portato slow and fast Staccato Dynamics for all repetitions
14 FAST REPETITION		Staccato, 9 repetitions, 140 to 180 BPM Normal and dynamics
15 GRACE NOTES		Grace notes Minor 2nd to octave Up and down
16 SCALE RUNS		Octave runs Legato, chromatic and whole tone Up and down
17 BENDS DOWN	Sustained with and without vibrato Legato with vibrato	Sustained with progressive vibrato, and 'dirty' Grace notes, portamento, marcato interval performances Performance trills

Instrument/Group	Level 1 (Standard) content	Level 2 (Extended) content
74 Bass Sax		
01 SHORT + LONG NOTES	Staccato, portato short Sustained with vibrato	Portato medium Slap Short and long bends
02 DYNAMICS	Crescendo-diminuendo with vibrato, 3 and 5 sec. Fortepiano and sforzato with vibrato	Medium dynamics with vibrato, 4 and 5 sec. Strong dynamics with vibrato, 3/4/5 sec. Medium dynamics without vibrato, 1.5/2/3 sec. Fortepiano and sforzato without
03 FLATTER + TRILLS	Trills normal, minor and major 2nd	Flutter tonguing, crescendo Trills accelerando, minor and major 2nd Dynamics for all trills
10 PERF INTERVAL	Legato with vibrato	Grace notes, minor 2nd to octave Glissandos, up, minor 2nd to octave Marcato
11 PERF INTERVAL FAST	Legato	Marcato
12 PERF TRILL		Trills, legato, minor to major 2nd
13 PERF REPETITION		Legato Portato Staccato Dynamics for all repetitions
14 GRACE NOTES		Grace notes Minor 2nd to octave Up and down
15 SCALE RUNS		Octave runs Legato, chromatic and whole tone Up and down
16 BENDS DOWN	Sustained with vibrato Legato with vibrato	Sustained with progressive vibrato, and 'dirty' Grace notes, portamento, glissando up, marcato interval performances Performance trills

Abbreviations

Instruments

Abbreviation	English	German
SX-So	Soprano Saxophone	Sopransaxophon
SX-Al	Alto Saxophone	Altsaxophon
SX-Te	Tenor Saxophone	Tenorsaxophon
SX-Br	Baritone Saxophone	Baritonsaxophon
SX-Bs	Bass Saxophone	Basssaxophon

Articulations and other abbreviations

Abbreviation	Meaning	Abbreviation	Meaning
150, 160, …	150, 160, … BPM (beats per minute)	lo	long
1s, 2s, …	tone length 1 sec., 2 sec., …	marc	marcato
acc	accelerando	me	medium
all	combination of all Patches of a category	mi	minor
		noVib	without vibrato
cre	crescendo	perf-rep	repetition performance
dim	diminuendo	por	portato
dyn	dynamics (crescendo and diminuendo)	run	octave run
		sl	slow
dyn5, dyn9	dynamics, 5/9 repetitions	sta, stac	staccato
fa	fast	str	strong
fast-rep	fast repetitions	sus	sustained
flatter	flutter tonguing	Vib	with (medium) vibrato
fx	effect sound	Vib-progr	progressive vibrato
gliss	glissando	XF	cell crossfade Matrix
leg	legato		

Pitch

For designating pitch, the Vienna Symphonic Library uses International Pitch Notation (IPN), which was agreed upon internationally under the auspices of the Acoustical Society of America. In this system the international standard of A=440 Hz is called A4 and middle C is C4. All pitches are written as capital letters, their respective octave being indicated by a number next to it. The lowest C on the piano is C1 (the A below that is A0), etc.

You can tune your Vienna Instruments to other players, or adjust it to tunings of earlier musical periods by setting the Perform page's Master Tune option within a range of 420 to 460 Hz.

70 Soprano Sax

Patches

01 SHORT + LONG NOTES — Range: G3–E6



Single notes
Level 1: Staccato, portato short
Sustained with and without vibrato
Level 2: Portato medium, portato long marcato
Slap normal and muted, key noise
Sustained with progressive vibrato, "dirty"
Short and long bends

01 SX-So_staccato — Samples: 330 — RAM: 20 MB — Level 1
Staccato
Velocity mapping:
0–28 pp, 29–55 mp, 56—88 mf, 89–108 f, 109–127 ff
4 Alternations

02 SX-So_portato_short — Samples: 330 — RAM: 20 MB — Level 1
Portato, short
Velocity mapping:
0–28 pp, 29–55 mp, 56—88 mf, 89–108 f, 109–127 ff
4 Alternations

03 SX-So_portato_medium — Samples: 330 — RAM: 20 MB — Level 2
Portato, medium
Velocity mapping:
0–28 pp, 29–55 mp, 56—88 mf, 89–108 f, 109–127 ff
4 Alternations

04 SX-So_portato_long-marc — Samples: 49 — RAM: 3 MB — Level 2
Portato, long, marcato
1 velocity layer
Release samples

05 SX-So_slap — Range: G3–C5 — Samples: 38 — RAM: 2 MB — Level 2
Slap
2 velocity layers
2 Alternations

06 SX-So_slap_mute — Range: G3–C5 — Samples: 38 — RAM: 2 MB — Level 2
Slap, muted
2 velocity layers
2 Alternations

07 SX-So_key-noise **Samples: 22** **RAM: 1 MB** **Level 2**
Key noise
The 11 keys are repeated over the range of the Patch (G – 1st key, F# – 11th key)
1 velocity layer
2 Alternations

11 SX-So_sus_Vib **Samples: 264** **RAM: 16 MB** **Level 1**
Sustained, with vibrato
4 velocity layers
Release samples

12 SX-So_sus_Vib-progr **Samples: 150** **RAM: 9 MB** **Level 2**
Sustained, progressive vibrato
3 velocity layers
Release samples

13 SX-So_sus_noVib **Samples: 200** **RAM: 12 MB** **Level 1**
Sustained, without vibrato
4 velocity layers
Release samples

14 SX-So_sus_dirty **Range: G3–C6** **Samples: 124** **RAM: 7 MB** **Level 2**
Sustained, "dirty"
2 velocity layers
Release samples

21 SX-So_bend **Range: G3–F6** **Samples: 64** **RAM: 4 MB** **Level 2**
Short and long downward bends
The longer bends have a glissando-like quality
2 velocity layers
AB switch: bend short/long

02 DYNAMICS **Range: G3–E6**



Single notes
Level 1: Crescendo-diminuendo with vibrato, 3 and 5 sec.
Fortepiano and sforzato with vibrato
Level 2: Medium dynamics with vibrato, 2 and 5 sec.
Strong dynamics with vibrato, 3 and 5 sec.
Medium dynamics without vibrato, 1.5 and 2 sec.
Sforzatissimo with vibrato

01 SX-So_dyn-me_Vib_2s **Samples: 68** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 2 sec.
2 velocity layers
AB switch: crescendo/diminuendo

02 SX-So_dyn-me_Vib_5s **Samples: 68** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 5 sec.
2 velocity layers
AB switch: crescendo/diminuendo

11 SX-So_dyn-str_Vib_3s **Samples: 66** **RAM: 4 MB** **Level 2**
Strong crescendo and diminuendo with vibrato, 3 sec.
1 velocity layer
AB switch: crescendo/diminuendo

12 SX-So_dyn-str_Vib_5s **Samples: 66** **RAM: 4 MB** **Level 2**
Strong crescendo and diminuendo with vibrato, 5 sec.
1 velocity layer
AB switch: crescendo/diminuendo

21 SX-So_dyn-me_noVib_1'5s **Samples: 132** **RAM: 8 MB** **Level 2**
Medium crescendo and diminuendo without vibrato, 1.5 sec.
2 velocity layers
AB switch: crescendo/diminuendo

22 SX-So_dyn-me_noVib_2s **Samples: 132** **RAM: 8 MB** **Level 2**
Medium crescendo and diminuendo without vibrato, 2 sec.
2 velocity layers
AB switch: crescendo/diminuendo

31 SX-So_pfp_Vib_3s **Samples: 34** **RAM: 2 MB** **Level 1**
Crescendo-diminuendo with vibrato, 3 sec.
2 velocity layers

32 SX-So_pfp_Vib_5s **Samples: 34** **RAM: 2 MB** **Level 1**
Crescendo-diminuendo with vibrato, 5 sec.
2 velocity layers

41 SX-So_fp_Vib **Samples: 33** **RAM: 2 MB** **Level 1**
Fortepiano, with vibrato
1 velocity layer
2 Alternations

42 SX-So_sfz_Vib **Samples: 33** **RAM: 2 MB** **Level 1**
Sforzato, with vibrato
1 velocity layer
2 Alternations

43 SX-So_sffz_Vib **Samples: 33** **RAM: 2 MB** **Level 2**
Sforzatissimo, with vibrato
1 velocity layer
2 Alternations

03 FLATTER + TRILLS



Flutter tonguing and trills
Level 1: Trills normal, minor and major 2nd
Level 2: Flutter tonguing, crescendo
Trills accelerando, minor and major 2nd
Dynamics for all trills

01 SX-So_flatter_cre **Range: G3–E6** **Samples: 33** **RAM: 2 MB** **Level 2**
Flutter tonguing, crescendo
1 velocity layer

11 SX-So_trill_1 **Range: G3–D6** **Samples: 62** **RAM: 3 MB** **Level 1**
Trills, minor 2nd
2 velocity layers
Release samples

12 SX-So_trill_2 **Range: G3–D6** **Samples: 62** **RAM: 3 MB** **Level 1**
Trills, major 2nd
2 velocity layers
Release samples

13 SX-So_trill_1_dyn **Range: G3–C#6** **Samples: 30** **RAM: 1 MB** **Level 2**
Trills, crescendo and diminuendo, minor 2nd
1 velocity layer
AB switch: crescendo/diminuendo

14 SX-So_trill_2_dyn **Range: G3–C#6** **Samples: 30** **RAM: 1 MB** **Level 2**
Trills, crescendo and diminuendo, major 2nd
1 velocity layer
AB switch: crescendo/diminuendo

15 SX-So_trill_1_acc **Range: G3–D#6** **Samples: 60** **RAM: 3 MB** **Level 2**
Trills accelerando, minor 2nd
2 velocity layers
Release samples

16 SX-So_trill_2_acc **Range: G3–D6** **Samples: 60** **RAM: 3 MB** **Level 2**
Trills accelerando, major 2nd
2 velocity layers
Release samples

17 SX-So_trill_1_acc-dyn **Range: G3–D#6** **Samples: 30** **RAM: 1 MB** **Level 2**
Trills accelerando, crescendo and diminuendo, minor 2nd
1 velocity layer
AB switch: crescendo/diminuendo

18 SX-So_trill_2_acc-dyn **Range: G3–D6** **Samples: 30** **RAM: 1 MB** **Level 2**
Trills accelerando, crescendo and diminuendo, major 2nd
1 velocity layer
AB switch: crescendo/diminuendo

10 PERF INTERVAL

Range: G3–D6



Interval performances
Level 1: Legato with vibrato
Level 2: Legato without vibrato, sustain crossfading
Grace notes, minor 2nd to octave
Portamento
Glissandos, up, minor 2nd to octave
Marcato

01 SX-So_perf-legato_Vib **Samples: 1185 RAM: 74 MB** **Level 1**
Legato, with vibrato
3 velocity layers
Release samples

02 SX-So_perf-legato_noVib_sus **Samples: 1063 RAM: 66 MB** **Level 2**
Legato, without vibrato
Sustain crossfading
3 velocity layers
Release samples

03 SX-So_perf-legato_grace **Samples: 1191 RAM: 74 MB** **Level 2**
Grace notes, legato, minor 2nd to octave
3 velocity layers
Release samples

04 SX-So_perf-portamento **Samples: 395 RAM: 24 MB** **Level 2**
Portamento
1 velocity layer
Release samples

05 SX-So_perf-legato_gliss-up **Samples: 545 RAM: 34 MB** **Level 2**
Glissandos, upward, minor 2nd to octave
2 velocity layers
Release samples

06 SX-So_perf-marcato **Samples: 790 RAM: 49 MB** **Level 2**
Marcato
2 velocity layers
Release samples

11 PERF INTERVAL FAST

Range: G3–D6



Fast interval performances
Level 1: Legato
Level 2: Marcato

01 SX-So_perf-legato_fa **Samples: 881 RAM: 55 MB** **Level 1**
Interval performances: Legato, fast
2 velocity layers
Release samples

02 SX-So_perf-marcato_fa **Samples: 850** **RAM: 53 MB** **Level 2**
Interval performances: Marcato, fast
2 velocity layers
Release samples

12 PERF TRILL **Range: G3–D6**



Multi interval performances
Level 2: Trills, legato, minor 2nd to major 3rd

01 SX-So_perf-trill **Samples: 1936** **RAM: 121 MB** **Level 2**
Performance trills, legato, minor 2nd to major 3rd
2 velocity layers
Release samples

13 PERF REPETITION **Range: G3–D6**



Repetition performances
Level 1: Legato slow
Portato fast
Staccato
Level 2: Legato fast
Portato slow
Staccato
Dynamics for all repetitions

01 SX-So_perf-rep_leg-sl **Range: G3–E6** **Samples: 255** **RAM: 15 MB** **Level 1**
Repetition performances: Legato, slow
3 velocity layers

02 SX-So_perf-rep_leg-fa **Samples: 225** **RAM: 14 MB** **Level 2**
Repetition performances: Legato, fast
3 velocity layers

03 SX-So_perf-rep_por-sl **Samples: 225** **RAM: 14 MB** **Level 2**
Repetition performances: Portato, slow
3 velocity layers

04 SX-So_perf-rep_por-fa **Samples: 405** **RAM: 25 MB** **Level 1**
Repetition performances: Portato, fast
3 velocity layers

05 SX-So_perf-rep_sta **Samples: 414** **RAM: 25 MB** **Level 1**
Repetition performances: Staccato
3 velocity layers

21 SX-So_perf-rep_dyn5_leg-sl **Range: G3–E6** **Samples: 170** **RAM: 10 MB** **Level 2**
Repetition performances: Legato dynamics, slow, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

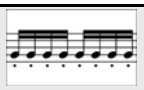
22 SX-So_perf-rep_dyn5_leg-fa **Samples: 150** **RAM: 9 MB** **Level 2**
Repetition performances: Legato dynamics, fast, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

23 SX-So_perf-rep_dyn5_por-sl **Samples: 150** **RAM: 9 MB** **Level 2**
Repetition performances: Portato dynamics, slow, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

24 SX-So_perf-rep_dyn9_por-fa **Samples: 270** **RAM: 16 MB** **Level 2**
Repetition performances: Portato dynamics, fast, 9 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

25 SX-So_perf-rep_dyn9_sta **Samples: 270** **RAM: 16 MB** **Level 2**
Repetition performances: Staccato dynamics, 9 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

14 FAST REPETITION Range: G3–C#6



Fast repetitions
Level 2: Staccato, 9 repetitions, 140 to 180 BPM
Normal and dynamics

01 SX-So_fast-rep_140 (150/160/170/180) **Samples: 90** **RAM: 5 MB** **Level 2**
Fast repetitions
Staccato, 9 repetitions, 140/150/160/170/180 BPM
3 velocity layers
Release samples

11 SX-So_fast-rep_140_dyn (150/160/170/180) **Samples: 30** **RAM: 1 MB** **Level 2**
Fast repetitions
Staccato, 9 repetitions, 140/150/160/170/180 BPM, crescendo and diminuendo
1 velocity layer
AB switch: crescendo/diminuendo

15 GRACE NOTES



Phrases
Level 2: Grace notes
Minor 2nd to octave
Up and down
Samples are mapped to the target note

01 SX-So_grace-1 **Range: G3–D#6** **Samples: 190** **RAM: 11 MB** **Level 2**
Grace notes, minor 2nd
3 velocity layers
Release samples
AB switch: up/down

02 SX-So_grace-2 **Range: G3–E6** **Samples: 191** **RAM: 11 MB** **Level 2**
Grace notes, major 2nd
3 velocity layers
Release samples
AB switch: up/down

03 SX-So_grace-3 **Range: G3–D#6** **Samples: 185** **RAM: 11 MB** **Level 2**
Grace notes, minor 3rd
3 velocity layers
Release samples
AB switch: up/down

04 SX-So_grace-4 **Range: G3–E6** **Samples: 185** **RAM: 11 MB** **Level 2**
Grace notes, major 3rd
3 velocity layers
Release samples
AB switch: up/down

05 SX-So_grace-5 **Range: G3–D#6** **Samples: 179** **RAM: 11 MB** **Level 2**
Grace notes, 4th
3 velocity layers
Release samples
AB switch: up/down

06 SX-So_grace-6 **Range: G3–E6** **Samples: 179** **RAM: 11 MB** **Level 2**
Grace notes, diminished 5th
3 velocity layers
Release samples
AB switch: up/down

07 SX-So_grace-7 **Range: G3–D#6** **Samples: 173** **RAM: 10 MB** **Level 2**
Grace notes, 5th
3 velocity layers
Release samples
AB switch: up/down

08 SX-So_grace-8 **Range: G3–E6** **Samples: 173** **RAM: 10 MB** **Level 2**
Grace notes, minor 6th
3 velocity layers
Release samples
AB switch: up/down

09 SX-So_grace-9 **Range: G3–D#6** **Samples: 167** **RAM: 10 MB** **Level 2**
Grace notes, major 6th
3 velocity layers
Release samples
AB switch: up/down

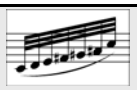
10 SX-So_grace-10 **Range: G3–E6** **Samples: 167** **RAM: 10 MB** **Level 2**
Grace notes, minor 7th
3 velocity layers
Release samples
AB switch: up/down

11 SX-So_grace-11 **Range: G3–D#6** **Samples: 161** **RAM: 10 MB** **Level 2**
Grace notes, major 7th
3 velocity layers
Release samples
AB switch: up/down

12 SX-So_grace-12 **Range: G3–E6** **Samples: 161** **RAM: 10 MB** **Level 2**
Grace notes, octave
3 velocity layers
Release samples
AB switch: up/down

16 SCALE RUNS

Range: G3–D6



Phrases
Level 2: Octave runs
Legato, chromatic and whole tone
Up and down

01 SX-So_run-leg_chromatic **Samples: 40** **RAM: 2 MB** **Level 2**
Phrases
Octave runs, legato
Chromatic
2 velocity layers
AB switch: up/down

02 SX-So_run-leg_whole **Samples: 40** **RAM: 2 MB** **Level 2**
Phrases
Octave runs, legato
Whole tone
2 velocity layers
AB switch: up/down

17 BENDS DOWN



Bend down release
Level 1: Sustained with and without vibrato
Legato with vibrato
Level 2: Sustained with progressive vibrato, and 'dirty'
Grace notes, portamento, glissando up, marcato interval performances
Performance trills

01 SX-So_sus_Vib_bend **Range: G3–E6** **Samples: 163** **RAM: 10 MB** **Level 1**
Single notes: Sustained, vibrato, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

02 SX-So_sus_Vib-progr_bend **Range: G3–E6** **Samples: 115** **RAM: 7 MB** **Level 2**
Single notes: Sustained, progressive vibrato, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

03 SX-So_sus_noVib_bend **Range: G3–E6** **Samples: 115** **RAM: 7 MB** **Level 1**
Single notes: Sustained, no vibrato, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

04 SX-So_sus_dirty_bend **Range: G3–C6** **Samples: 122** **RAM: 7 MB** **Level 2**
Single notes: Sustained, "dirty", with bend release
2 velocity layers
Release samples
AB switch: bend short/long

11 SX-So_perf-legato_Vib_bend **Range: G3–D6** **Samples: 1150** **RAM: 71 MB** **Level 1**
Interval performances: Legato, with vibrato, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

12 SX-So_perf-legato_grace_bend **Range: G3–D6** **Samples: 1156** **RAM: 72 MB** **Level 2**
Interval performances: Grace notes, legato, minor 2nd to octave, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

13 SX-So_perf-portamento_bend **Range: G3–D6** **Samples: 426** **RAM: 26 MB** **Level 2**
Interval performances: Portamento, with bend release
1 velocity layer
Release samples
AB switch: bend short/long

14 SX-So_perf-legato_gliss-up_bend **Range: G3–D6** **Samples: 543** **RAM: 33 MB** **Level 2**
Interval performances: Glissandos, upward, minor 2nd to octave, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

15 SX-So_perf-marcato_bend **Range: G3–D6** **Samples: 788** **RAM: 49 MB** **Level 2**
Interval performances: Marcato, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

21 SX-So_perf-trill_bend **Range: G3–D6** **Samples: 1934** **RAM: 120 MB** **Level 2**
Multi interval performances: Performance trills, legato, minor 2nd to major 3rd, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

98 RESOURCES

Resources
Level 1: Performance legato with sustain crossfading
Level 2: Isolated dynamics repetitions: Legato slow and fast, portato, staccato
Single layer long notes

98 RESOURCES/01 Perf Rep dyn



01 SX-So_rep_cre5_leg-sl-1 (2/3/4/5) **Range: G3–E6** **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato slow, crescendo, 1st to 5th note
1 velocity layer

01 SX-So_rep_dim5_leg-sl-1 (2/3/4/5) **Range: G3–E6** **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato slow, diminuendo, 1st to 5th note
1 velocity layer

02 SX-So_rep_cre5_leg-fa-1 (2/3/4/5) **Range: G3–D6** **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato fast, crescendo, 1st to 5th note
1 velocity layer

02 SX-So_rep_dim5_leg-fa-1 (2/3/4/5) **Range: G3–D6** **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato fast, diminuendo, 1st to 5th note
1 velocity layer

03 SX-So_rep_cre9_por-1 (2/3/4/5/6/7/8/9) **Range: G3–D6** **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Portato, crescendo, 1st to 9th note
1 velocity layer

03 SX-So_rep_dim9_por-1 (2/3/4/5/6/7/8/9) **Range: G3–D6** **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Portato, diminuendo, 1st to 9th note
1 velocity layer

04 SX-So_rep_cre9_sta-1 (2/3/4/5/6/7/8/9) **Range: G3–D6** **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Staccato, crescendo, 1st to 9th note
1 velocity layer

04 SX-So_rep_dim9_sta-1 (2/3/4/5/6/7/8/9) **Range: G3–D6** **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Staccato, diminuendo, 1st to 9th note
1 velocity layer

98 RESOURCES/02 Long Notes - Single Layer Range: G3–E6



01 SX-So_sus_p **Samples: 66** **RAM: 4 MB** **Level 2**
Sustained, piano
1 velocity layer
Release samples

02 SX-So_sus_mp **Samples: 66** **RAM: 4 MB** **Level 2**
Sustained, mezzopiano
1 velocity layer
Release samples

03 SX-So_sus_mf **Samples: 66** **RAM: 4 MB** **Level 2**
Sustained, mezzoforte
1 velocity layer
Release samples

04 SX-So_sus_f **Samples: 66** **RAM: 4 MB** **Level 2**
Sustained, forte
1 velocity layer
Release samples

98 RESOURCES/03 Perf Speed variation



01 SX-So_perf-leg_sustain **Range: G3–D6** **Samples: 1278** **RAM: 79 MB** **Level 1**
Interval performances: Legato with sustain crossfading
3 velocity layers
Release samples

99 RELEASE

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrices

Matrix - LEVEL 1

L1 SX-So Articulation Combi

Samples: 1283 RAM: 80 MB **Level 1**

Single notes
Staccato, portato short, sustained with and without vibrato normal and with bends, crescendo-diminuendo with vibrato 3 and 5 sec., fortepiano and sforzato with vibrato, trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–F1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1
V1	stac	sus vib.	sus vib. bend	pfp vib. 3s.	fp vib.	trill half
V2	port. short	sus no vib.	sus no vib. bend	pfp vib. 5s.	sfz vib.	trill whole

L1 SX-So Perf-Legato Speed

Samples: 1522 RAM: 95 MB **Level 1**

Performance legato with vibrato and sustain crossfading, with vibrato, and fast
Performance legato with vibrato and bend release
Speed controller

Matrix switches: Horizontal: Speed, 3 zones Vertical: Modwheel, 2 zones

	H1	H2	H3
legato normal	vib. sustain XF	vib. normal	fast
legato bend	%	%	%

L1 SX-So Perf-Repetitions Combi

Samples: 1074 RAM: 67 MB **Level 1**

Repetition performances
Legato slow
Portato fast
Staccato

Matrix switches: Vertical: Modwheel, 3 zones

	repetitions
V1	legato slow
V2	portato fast
V3	staccato

Matrix - LEVEL 2 A - Advanced

01 SX-So Perf-Universal

Samples: 2567 RAM: 160 MB **Level 2**

Interval performances
Legato vibrato with sustain crossfading, normal, and fast
Performance glissando, up
Marcato normal and fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones Vertical: Modwheel, 3 zones

	H1	H2	H3
legato	sustain XF	normal	fast
glissando up	%	%	%
marcato	normal	normal	fast

02 SX-So Perf-Trill Speed

Samples: 2925 RAM: 182 MB **Level 2**

Multi interval performances
Legato with vibrato, trills
Legato vibrato with bend release, trills with bend release
Glissandos, trills
Speed controller

Matrix switches: Horizontal: Speed, 2 zones Vertical: Modwheel, 3 zones

	H1	H2
V1	legato vib.	trills
V2	legato vib. bends	trill bends
V3	glissando	trills

03 SX-So Short+Long notes - All

Samples: 1431 RAM: 89 MB **Level 2**

Single notes
Staccato, portato short, portato medium
Sustained with normal and progressive vibrato, 'dirty', and without vibrato

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 4 zones

	C1	C#1	D1	D#1
V1	staccato	port. short	port. medium	sus. vibrato
V2	%	%	%	sus. prog. vib.
V3	%	%	%	sus. dirty
V4	%	%	%	sus. no vib.

Matrix - LEVEL 2 B - Standard

11 SX-So Perf-Legato Speed

Samples: 1458 RAM: 91 MB **Level 2**

Performance legato with vibrato and sustain crossfading, with vibrato, and fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
legato	vib. sustain XF	vib. normal	fast

12 SX-So Perf-Marcato Speed

Samples: 970 RAM: 60 MB **Level 2**

Interval performances^mMarcato normal and fast
Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
Marcato	normal	fast

13 SX-So Perf-Glissando Speed

Samples: 1601 RAM: 100 MB **Level 2**

Performance glissando, legato with vibrato, and legato fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
V1	glissando	legato vibrato	legato fast

14 SX-So Short notes - All **Samples: 1115 RAM: 69 MB** **Level 2**

Single notes

Staccato, portato short, portato medium, portato long marcato, slap normal and muted

Matrix switches: Horizontal: Keyswitches, C1–F1

	C1	C#1	D1	D#1	E1	F1
V1	staccato	port. short	port.med.	port.long marc.	slap normal	slap muted

15 SX-So Dynamics **Samples: 666 RAM: 41 MB** **Level 2**

Dynamics

Medium crescendo and diminuendo with vibrato, 2 and 5 sec.

Strong crescendo and diminuendo with vibrato, 3 and 5 sec.

Medium crescendo and diminuendo without vibrato, 1.5 and 2 sec.

Crescendo-diminuendo with vibrato, 3 and 5 sec.

Fortepiano and sforzato with vibrato

Matrix switches: Horizontal: Keyswitches, C1–C#1 Vertical: Modwheel, 5 zones

	C1	C#1
medium dyn. vib.	2 sec.	5 sec.
strong dyn. vib.	3 sec.	5 sec.
med.dyn. no vib.	1.5 sec.	2 sec.
pfp vib.	3 sec.	5 sec.
fp/sfz vib.	fp	sfz

16 SX-So Trills - normal **Samples: 153 RAM: 9 MB** **Level 2**

Trills

Normal and dynamics

Half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–C#1 Vertical: Modwheel, 2 zones

	C1	C#1
half tone	normal	dynamics
whole tone	normal	dynamics

17 SX-So Trills - accelerando **Samples: 180 RAM: 11 MB** **Level 2**

Trills accelerando

Normal and dynamics

Half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–C#1 Vertical: Modwheel, 2 zones

	C1	C#1
half tone	normal	dynamics
whole tone	normal	dynamics

18 SX-So Trills - All **Samples: 333 RAM: 20 MB** **Level 2**

Trills constant speed and accelerando

Normal and dynamics

Half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
half tone	normal	dynamics	accelerando	acc. dynamics
whole tone	normal	dynamics	accelerando	acc. dynamics

19 SX-So Bends - sus

Samples: 505 RAM: 31 MB **Level 2**

Sustained notes with vibrato, progressive vibrato, 'dirty', and without vibrato
Normal and with bend release

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
sus. normal	vibrato	prog. vib.	dirty	no vibrato
sus. bend	%	%	%	%

20 SX-So Bends - Perf

Samples: 2509 RAM: 156 MB **Level 2**

Interval performances: Legato, portamento, glissando, and marcato
Normal and with bend release

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
normal	legato	portamento	glissando	marcato
bend RS	%	%	%	%

Matrix - LEVEL 2 C - Repetitions

31 SX-So Perf-Repetitions - Combi

Samples: 1524 RAM: 95 MB **Level 2**

Repetition performances
Slow and fast legato, slow and fast portato, staccato

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
V1	legato slow	legato fast	portato slow	portato fast	staccato

32 SX-So Perf-Repetitions - Speed

Samples: 1299 RAM: 81 MB **Level 2**

Repetition performances
Slow and fast legato, fast portato, staccato
Speed controller

Matrix switches: Horizontal: Speed, 4 zones

	H1	H2	H3	H4
V1	legato slow	legato fast	portato fast	staccato

33 SX-So Fast-Repetitions

Samples: 270 RAM: 16 MB **Level 2**

Fast repetitions
140, 150, 160, 170, 180 BPM

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
speed/BPM	140	150	160	170	180

Matrix - LEVEL 2 D - Scale+Phrase

41 SX-So Scale runs-legato - Special
Samples: 80 **RAM: 5 MB** **Level 2**

Octave runs, legato, chromatic and whole tone
AB switch up/down

Matrix switches: Vertical: Modwheel, 2 zones

	legato
V1	chromatic
V2	whole tone

42 SX-So Grace notes - All
Samples: 1022 **RAM: 63 MB** **Level 2**

Grace notes, minor 2nd to octave
AB switch up/down

Matrix switches: Horizontal: Keyswitches, C1–B1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1	A#1	B1
interval	min. 2nd	maj. 2nd	min. 3rd	maj. 3rd	4th	dim. 5th	5th	min. 6th	maj. 6th	min. 7th	maj. 7th	octave

Matrix - LEVEL 2 E - Keyswitch Vel

71 SX-So Legato slow - cre5
Samples: 85 **RAM: 5 MB** **Level 2**

Slow legato notes: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

72 SX-So Legato fast - cre5
Samples: 75 **RAM: 4 MB** **Level 2**

Fast legato notes: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

73 SX-So Portato - cre9
Samples: 135 **RAM: 8 MB** **Level 2**

Portato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

74 SX-So Staccato - cre9
Samples: 135 **RAM: 8 MB** **Level 2**

Staccato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

75 SX-So Combi - cre5

Samples: 160 **RAM: 10 MB** **Level 2**

Slow and fast legato: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1
legato slow	1st	2nd	3rd	4th	5th
legato fast	1st	%	%	%	%

76 SX-So Combi - cre9

Samples: 270 **RAM: 16 MB** **Level 2**

Portato and staccato: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

77 SX-So Legato slow - dim5

Samples: 85 **RAM: 5 MB** **Level 2**

Slow legato notes: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

78 SX-So Legato fast - dim5

Samples: 75 **RAM: 4 MB** **Level 2**

Fast legato notes: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

79 SX-So Portato - dim9

Samples: 135 **RAM: 8 MB** **Level 2**

Portato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

80 SX-So Staccato - dim9

Samples: 135 **RAM: 8 MB** **Level 2**

Staccato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

81 SX-So Combi - dim5

Samples: 160 **RAM: 10 MB** **Level 2**

Slow and fast legato: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1
legato slow	1st	2nd	3rd	4th	5th
legato fast	1st	%	%	%	%

82 SX-So Combi - dim9 **Samples: 270 RAM: 16 MB Level 2**

Portato and staccato: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

Presets

SX-So VSL Preset Level 1 **Samples: 3592 RAM: 224 MB Level 1**

L1 SX-So_Perf-Legato Speed
L1 SX-So_Articulation Combi
L1 SX-So_Perf-Repetitions Combi
Preset keyswitches: C2–D2

SX-So VSL Preset Level 2 **Samples: 6970 RAM: 435 MB Level 2**

01 SX-So Perf-Universal
02 SX-So Perf-Trill Speed
L1 SX-So Articulation Combi
31 SX-So Perf-Repetitions - Combi
76 SX-So Combi - cre9
19 SX-So Bends - sus
Preset keyswitches: C2–F2

71 Alto Sax

Patches

01 SHORT + LONG NOTES — Range: C3–C#6



Single notes
Level 1: Staccato, portato short
Sustained with and without vibrato
Level 2: Portato medium
Slap short and long, key noise
Sustained with progressive vibrato, "dirty"
Short and long bends

01 SX-Al_staccato — **Samples: 370** **RAM: 23 MB** **Level 1**
Staccato
5 velocity layers
4 Alternations

02 SX-Al_portato_short — **Samples: 370** **RAM: 23 MB** **Level 1**
Portato, short
5 velocity layers
4 Alternations

03 SX-Al_portato_medium — **Samples: 370** **RAM: 23 MB** **Level 2**
Portato, medium
5 velocity layers
4 Alternations

04 SX-Al_slap_short — **Range: C3–A4** **Samples: 32** **RAM: 2 MB** **Level 2**
Slap, short, soft and hard
The soft slaps go up to A4, the hard ones to G#4
1 velocity layer
2 Alternations
AB switch: slap soft/hard

05 SX-Al_slap_long — **Range: C3–G5** **Samples: 60** **RAM: 3 MB** **Level 2**
Slap, long, soft and hard
The soft slaps go up to C#5, the hard ones to G5
1 velocity layer
2 Alternations
AB switch: slap soft/hard

06 SX-Al_key-noise — **Range: C3–D6** **Samples: 22** **RAM: 1 MB** **Level 2**
Key noise
The 11 keys are repeated over the range of the Patch (C – 1st key, B – 11th key)
1 velocity layer
2 Alternations

11 SX-Al_sus_Vib **Samples: 219** **RAM: 13 MB** **Level 1**
Sustained, with vibrato
5 velocity layers
Release samples

12 SX-Al_sus_Vib-progr **Samples: 181** **RAM: 11 MB** **Level 2**
Sustained, progressive vibrato
5 velocity layers
Release samples

13 SX-Al_sus_noVib **Samples: 186** **RAM: 11 MB** **Level 1**
Sustained, without vibrato
5 velocity layers
Release samples

14 SX-Al_sus_dirty **Range: C3–A6** **Samples: 144** **RAM: 9 MB** **Level 2**
Sustained, "dirty"
2 velocity layers
Release samples

21 SX-Al_bend **Samples: 116** **RAM: 7 MB** **Level 2**
Short and long downward bends
The longer bends have a glissando-like quality
3 velocity layers
AB switch: bend short/long

02 DYNAMICS **Range: C3–C#6**



Single notes
Level 1: Crescendo-diminuendo with vibrato, 5 sec.
Crescendo-diminuendo without vibrato, 4 sec.
Fortepiano and sforzato with vibrato
Level 2: Medium dynamics with vibrato, 1.5/2/3/4/5 sec.
Strong dynamics with vibrato, 3/4/5 sec.
Medium dynamics without vibrato, 1.5/2/3/4 sec.
Strong dynamics without vibrato, 2/3/4 sec.
Crescendo-diminuendo without vibrato, 2 and 3 sec.
Diminuendo-crescendo without vibrato, 2 and 3 sec.
Sforzatissimo with vibrato
Fortepiano, sforzato, sforzatissimo without vibrato

01 SX-Al_dyn-me_Vib_1'5s **Samples: 76** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 1.5 sec.
2 velocity layers
AB switch: crescendo/diminuendo

02 SX-Al_dyn-me_Vib_2s **Samples: 76** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 2 sec.
2 velocity layers
AB switch: crescendo/diminuendo

03 SX-Al_dyn-me_Vib_3s **Samples: 76** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 3 sec.
2 velocity layers
AB switch: crescendo/diminuendo

04 SX-Al_dyn-me_Vib_4s **Samples: 76** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 4 sec.
2 velocity layers
AB switch: crescendo/diminuendo

05 SX-Al_dyn-me_Vib_5s **Samples: 76** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 5 sec.
2 velocity layers
AB switch: crescendo/diminuendo

11 SX-Al_dyn-str_Vib_3s **Samples: 38** **RAM: 2 MB** **Level 2**
Strong crescendo and diminuendo with vibrato, 3 sec.
1 velocity layer
AB switch: crescendo/diminuendo

12 SX-Al_dyn-str_Vib_4s **Samples: 38** **RAM: 2 MB** **Level 2**
Strong crescendo and diminuendo with vibrato, 4 sec.
1 velocity layer
AB switch: crescendo/diminuendo

13 SX-Al_dyn-str_Vib_5s **Samples: 38** **RAM: 2 MB** **Level 2**
Strong crescendo and diminuendo with vibrato, 5 sec.
1 velocity layer
AB switch: crescendo/diminuendo

21 SX-Al_dyn-me_noVib_1'5s **Samples: 76** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo without vibrato, 1.5 sec.
2 velocity layers
AB switch: crescendo/diminuendo

22 SX-Al_dyn-me_noVib_2s **Samples: 76** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo without vibrato, 2 sec.
2 velocity layers
AB switch: crescendo/diminuendo

23 SX-Al_dyn-me_noVib_3s **Samples: 76** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo without vibrato, 3 sec.
2 velocity layers
AB switch: crescendo/diminuendo

24 SX-Al_dyn-me_noVib_4s **Samples: 76** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo without vibrato, 4 sec.
2 velocity layers
AB switch: crescendo/diminuendo

31 SX-Al_dyn-str_noVib_2s **Samples: 38** **RAM: 2 MB** **Level 2**
Strong crescendo and diminuendo without vibrato, 2 sec.
1 velocity layer
AB switch: crescendo/diminuendo

32 SX-Al_dyn-str_noVib_3s **Samples: 38** **RAM: 2 MB** **Level 2**
Strong crescendo and diminuendo without vibrato, 3 sec.
1 velocity layer
AB switch: crescendo/diminuendo

33 SX-Al_dyn-str_noVib_4s **Samples: 38** **RAM: 2 MB** **Level 2**
Strong crescendo and diminuendo without vibrato, 4 sec.
1 velocity layer
AB switch: crescendo/diminuendo

41 SX-Al_pfp_Vib_5s **Samples: 38** **RAM: 2 MB** **Level 1**
Crescendo-diminuendo with vibrato, 5 sec.
2 velocity layers

42 SX-Al_fpf_Vib_5s **Samples: 38** **RAM: 2 MB** **Level 2**
Diminuendo-crescendo with vibrato, 5 sec.
2 velocity layers

51 SX-Al_pfp_noVib_2s **Samples: 38** **RAM: 2 MB** **Level 2**
Crescendo-diminuendo without vibrato, 2 sec.
2 velocity layers

52 SX-Al_pfp_noVib_3s **Samples: 38** **RAM: 2 MB** **Level 2**
Crescendo-diminuendo without vibrato, 3 sec.
2 velocity layers

53 SX-Al_pfp_noVib_4s **Samples: 38** **RAM: 2 MB** **Level 1**
Crescendo-diminuendo without vibrato, 4 sec.
2 velocity layers

54 SX-Al_fpf_noVib_2s **Samples: 38** **RAM: 2 MB** **Level 2**
Diminuendo-crescendo without vibrato, 2 sec.
2 velocity layers

55 SX-Al_fpf_noVib_3s **Samples: 38** **RAM: 2 MB** **Level 2**
Diminuendo-crescendo without vibrato, 3 sec.
2 velocity layers

61 SX-Al_fp_Vib **Samples: 37** **RAM: 2 MB** **Level 1**
Fortepiano, with vibrato
1 velocity layer
2 Alternations

62 SX-Al_sfz_Vib **Samples: 37** **RAM: 2 MB** **Level 1**
Sforzato, with vibrato
1 velocity layer
2 Alternations

63 SX-Al_sffz_Vib **Samples: 37** **RAM: 2 MB** **Level 2**
Sforzatissimo, with vibrato
1 velocity layer
2 Alternations

71 SX-Al_fp_noVib **Samples: 37** **RAM: 2 MB** **Level 2**
Fortepiano, without vibrato
1 velocity layer
2 Alternations

72 SX-Al_sfz_noVib **Samples: 37** **RAM: 2 MB** **Level 2**
Sforzato, without vibrato
1 velocity layer
2 Alternations

73 SX-Al_sffz_noVib **Samples: 37** **RAM: 2 MB** **Level 2**
Sforzatissimo, without vibrato
1 velocity layer
2 Alternations

03 FLATTER + TRILLS



Flutter tonguing and trills
Level 1: Trills normal, minor and major 2nd
Level 2: Flutter tonguing, crescendo
Trills accelerando, minor and major 2nd
Dynamics for all trills

01 SX-Al_flatter_cre **Range: C3–B5** **Samples: 35** **RAM: 2 MB** **Level 2**
Flutter tonguing, crescendo
1 velocity layer

11 SX-Al_trill_1 **Range: C3–G5** **Samples: 64** **RAM: 4 MB** **Level 1**
Trills, minor 2nd
2 velocity layers
Release samples

12 SX-Al_trill_2 **Range: C3–G5** **Samples: 64** **RAM: 4 MB** **Level 1**
Trills, major 2nd
2 velocity layers
Release samples

13 SX-Al_trill_1_dyn **Range: C3–G5** **Samples: 32** **RAM: 2 MB** **Level 2**
Trills, crescendo and diminuendo, minor 2nd
1 velocity layer
AB switch: crescendo/diminuendo

14 SX-Al_trill_2_dyn **Range: C3–G5** **Samples: 32** **RAM: 2 MB** **Level 2**
Trills, crescendo and diminuendo, major 2nd
1 velocity layer
AB switch: crescendo/diminuendo

15 SX-Al_trill_1_acc **Range: C3–A5** **Samples: 68** **RAM: 4 MB** **Level 2**
Trills accelerando, minor 2nd
2 velocity layers
Release samples

16 SX-AI_trill_2_acc **Range: C3–A5** **Samples: 68** **RAM: 4 MB** **Level 2**
Trills accelerando, major 2nd
2 velocity layers
Release samples

17 SX-AI_trill_1_acc-dyn **Range: C3–A5** **Samples: 34** **RAM: 2 MB** **Level 2**
Trills accelerando, crescendo and diminuendo, minor 2nd
1 velocity layer
AB switch: crescendo/diminuendo

18 SX-AI_trill_2_acc-dyn **Range: C3–A5** **Samples: 34** **RAM: 2 MB** **Level 2**
Trills accelerando, crescendo and diminuendo, major 2nd
1 velocity layer
AB switch: crescendo/diminuendo

10 PERF INTERVAL — Range: C3–C#6



Interval performances
Level 1: Legato with vibrato
Level 2: Legato without vibrato, sustain crossfading
Grace notes, minor 2nd to octave
Portamento
Glissandos, up, minor 2nd to octave
Marcato

01 SX-AI_perf-legato_Vib **Samples: 1411** **RAM: 88 MB** **Level 1**
Legato, with vibrato
3 velocity layers
Release samples

02 SX-AI_perf-legato_noVib_sus **Samples: 1284** **RAM: 80 MB** **Level 2**
Legato, without vibrato
Sustain crossfading
3 velocity layers
Release samples

03 SX-AI_perf-legato_grace **Samples: 1411** **RAM: 88 MB** **Level 2**
Grace notes, legato, minor 2nd to octave
3 velocity layers
Release samples

04 SX-AI_perf_portamento **Samples: 483** **RAM: 30 MB** **Level 2**
Portamento
1 velocity layer
Release samples

05 SX-AI_perf-legato_gliss-up **Samples: 955** **RAM: 59 MB** **Level 2**
Glissandos, upward, minor 2nd to octave
3 velocity layers
Release samples

06 SX-Al_perf-marcato **Samples: 947 RAM: 59 MB** **Level 2**
Marcato
2 velocity layers
Release samples

11 PERF INTERVAL FAST



Range: C3–C#6

Interval performances, fast
Level 1: Legato
Level 2: Marcato

01 SX-Al_perf-legato_fa **Samples: 1513 RAM: 94 MB** **Level 1**
Interval performances: Legato, fast
3 velocity layers
Release samples

02 SX-Al_perf-marcato_fa **Samples: 1250 RAM: 78 MB** **Level 2**
Interval performances: Marcato, fast
2 velocity layers
Release samples

12 PERF TRILL



Range: C3–A#5

Multi interval performances
Level 2: Trills, legato, minor 2nd to major 3rd

01 SX-Al_perf-trill **Samples: 3055 RAM: 190 MB** **Level 2**
Performance trills, legato, minor 2nd to major 3rd
3 velocity layers
Release samples

13 PERF REPETITION



Range: C3–C#6

Repetition performances
Level 1: Legato slow
Portato
Staccato
Level 2: Legato medium and fast
Dynamics for all repetitions

01 SX-Al_perf-rep_leg-sl **Samples: 285 RAM: 17 MB** **Level 1**
Repetition performances: Legato, slow
3 velocity layers

02 SX-Al_perf-rep_leg-me **Samples: 285 RAM: 17 MB** **Level 2**
Repetition performances: Legato, medium
3 velocity layers

03 SX-Al_perf-rep_leg-fa **Samples: 285** **RAM: 17 MB** **Level 2**
Repetition performances: Legato, fast
3 velocity layers

04 SX-Al_perf-rep_por **Samples: 513** **RAM: 32 MB** **Level 1**
Repetition performances: Portato
3 velocity layers

05 SX-Al_perf-rep_sta **Samples: 513** **RAM: 32 MB** **Level 1**
Repetition performances: Staccato
3 velocity layers

21 SX-Al_perf-rep_dyn5_leg-sl **Samples: 190** **RAM: 11 MB** **Level 2**
Repetition performances: Legato dynamics, slow, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

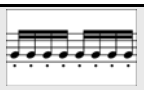
22 SX-Al_perf-rep_dyn5_leg-me **Samples: 190** **RAM: 11 MB** **Level 2**
Repetition performances: Legato dynamics, medium, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

23 SX-Al_perf-rep_dyn5_leg-fa **Samples: 190** **RAM: 11 MB** **Level 2**
Repetition performances: Legato dynamics, fast, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

24 SX-Al_perf-rep_dyn9_por **Samples: 342** **RAM: 21 MB** **Level 2**
Repetition performances: Portato dynamics, 9 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

25 SX-Al_perf-rep_dyn9_sta **Samples: 342** **RAM: 21 MB** **Level 2**
Repetition performances: Staccato dynamics, 9 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

14 FAST REPETITION **Range: C3–C#6**



Fast repetitions
Level 2: Staccato, 9 repetitions, 140 to 180 BPM
Normal and dynamics

01 SX-Al_fast-rep_140 (150/160/170/180) **Samples: 114** **RAM: 7 MB** **Level 2**
Fast repetitions
Staccato, 9 repetitions, 140/150/160/170/180 BPM
3 velocity layers
Release samples

11 SX-Al_fast-rep_140_dyn (150/160/170/180) **Samples: 38** **RAM: 2 MB** **Level 2**
Fast repetitions
Staccato, 9 repetitions, 140/150/160/170/180 BPM, crescendo and diminuendo
1 velocity layer
AB switch: crescendo/diminuendo

15 GRACE NOTES



Phrases
Level 2: Grace notes
Minor 2nd to octave
Up and down
The samples are mapped to the target note

01 SX-Al_grace-1 **Range: C3–C6** **Samples: 181** **RAM: 11 MB** **Level 2**
Grace notes, minor 2nd
3 velocity layers
Release samples
AB switch: up/down

02 SX-Al_grace-2 **Range: C3–C#6** **Samples: 181** **RAM: 11 MB** **Level 2**
Grace notes, major 2nd
3 velocity layers
Release samples
AB switch: up/down

03 SX-Al_grace-3 **Range: C3–C6** **Samples: 175** **RAM: 10 MB** **Level 2**
Grace notes, minor 3rd
3 velocity layers
Release samples
AB switch: up/down

04 SX-Al_grace-4 **Range: C3–C#6** **Samples: 175** **RAM: 10 MB** **Level 2**
Grace notes, major 3rd
3 velocity layers
Release samples
AB switch: up/down

05 SX-Al_grace-5 **Range: C3–C6** **Samples: 169** **RAM: 10 MB** **Level 2**
Grace notes, 4th
3 velocity layers
Release samples
AB switch: up/down

06 SX-Al_grace-6 **Range: C3–C#6** **Samples: 169** **RAM: 10 MB** **Level 2**
Grace notes, diminished 5th
3 velocity layers
Release samples
AB switch: up/down

07 SX-Al_grace-7 **Range: C3–C6** **Samples: 163** **RAM: 10 MB** **Level 2**
Grace notes, 5th
3 velocity layers
Release samples
AB switch: up/down

08 SX-Al_grace-8 **Range: C3–C#6** **Samples: 163** **RAM: 10 MB** **Level 2**
Grace notes, minor 6th
3 velocity layers
Release samples
AB switch: up/down

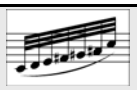
09 SX-Al_grace-9 **Range: C3–C6** **Samples: 157** **RAM: 9 MB** **Level 2**
Grace notes, major 6th
3 velocity layers
Release samples
AB switch: up/down

10 SX-Al_grace-10 **Range: C3–C#6** **Samples: 157** **RAM: 9 MB** **Level 2**
Grace notes, minor 7th
3 velocity layers
Release samples
AB switch: up/down

11 SX-Al_grace-11 **Range: C3–C6** **Samples: 151** **RAM: 9 MB** **Level 2**
Grace notes, major 7th
3 velocity layers
Release samples
AB switch: up/down

12 SX-Al_grace-12 **Range: C3–C#6** **Samples: 151** **RAM: 9 MB** **Level 2**
Grace notes, octave
3 velocity layers
Release samples
AB switch: up/down

16 SCALE RUNS **Range: C3–C#6**



Phrases
Level 2: Octave runs
Legato, chromatic and whole tone
Up and down

01 SX-Al_run-leg_chromatic **Samples: 78** **RAM: 4 MB** **Level 2**
Phrases
Octave runs, legato
Chromatic
3 velocity layers
AB switch: up/down

02 SX-Al_run-leg_whole **Samples: 78** **RAM: 4 MB** **Level 2**
Phrases
Octave runs, legato
Whole tone
3 velocity layers
AB switch: up/down

17 BENDS DOWN — Range: C3–C#6



Bend down release
Level 1: Sustained with and without vibrato
Legato with vibrato
Level 2: Sustained with progressive vibrato, and 'dirty'
Grace notes, portamento, glissando up, marcato interval performances
Performance trills

01 SX-Al_sus_Vib_bend **Samples: 244** **RAM: 15 MB** **Level 1**
Single notes: Sustained, vibrato, with bend release
5 velocity layers
Release samples
AB switch: bend short/long

02 SX-Al_sus_Vib-progr_bend **Samples: 206** **RAM: 12 MB** **Level 2**
Single notes: Sustained, progressive vibrato, with bend release
5 velocity layers
Release samples
AB switch: bend short/long

03 SX-Al_sus_noVib_bend **Samples: 211** **RAM: 13 MB** **Level 1**
Single notes: Sustained, no vibrato, with bend release
5 velocity layers
Release samples
AB switch: bend short/long

04 SX-Al_sus_dirty_bend **Range: C3–A6** **Samples: 205** **RAM: 12 MB** **Level 2**
Single notes: Sustained, "dirty", with bend release up to C#6
2 velocity layers
Release samples
AB switch: bend short/long

11 SX-Al_perf-legato_Vib_bend **Samples: 1454** **RAM: 90 MB** **Level 1**
Interval performances: Legato, with vibrato, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

12 SX-Al_perf-legato_grace_bend **Samples: 1454** **RAM: 90 MB** **Level 2**
Interval performances: Grace notes, legato, minor 2nd to octave, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

13 SX-Al_perf_portamento_bend **Samples: 562** **RAM: 35 MB** **Level 2**
Interval performances: Portamento, with bend release
1 velocity layer
Release samples
AB switch: bend short/long

14 SX-Al_perf-legato_gliss-up_bend **Samples: 998** **RAM: 62 MB** **Level 2**
Interval performances: Glissandos, upward, minor 2nd to octave, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

15 SX-Al_perf-marcato_bend **Samples: 1008** **RAM: 63 MB** **Level 2**
Interval performances: Marcato, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

21 SX-Al_perf-trill_bend **Range: C3–A#5** **Samples: 3098** **RAM: 193 MB** **Level 2**
Multi interval performances: Performance trills, legato, minor 2nd to major 3rd, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

98 RESOURCES

Resources
Level 1: Performance legato with sustain crossfading
Level 2: Isolated dynamics repetitions: Legato slow and fast, portato, staccato
Single layer long notes

98 RESOURCES/01 Perf Rep dyn **Range: C3–C#6**



01 SX-Al_rep_cre5_leg-sl-1 (2/3/4/5) **Samples: 19** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato slow, crescendo, 1st to 5th note
1 velocity layer

01 SX-Al_rep_dim5_leg-sl-1 (2/3/4/5) **Samples: 19** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato slow, diminuendo, 1st to 5th note
1 velocity layer

02 SX-Al_rep_cre5_leg-fa-1 (2/3/4/5) **Samples: 19** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato fast, crescendo, 1st to 5th note
1 velocity layer

02 SX-Al_rep_dim5_leg-fa-1 (2/3/4/5) **Samples: 19** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato fast, diminuendo, 1st to 5th note
1 velocity layer

03 SX-Al_rep_cre9_por-1 (2/3/4/5/6/7/8/9) **Samples: 19** **RAM: 1 MB** **Level 2**
Extracted repetition
Portato, crescendo, 1st to 9th note
1 velocity layer

03 SX-Al_rep_dim9_por-1 (2/3/4/5/6/7/8/9) **Samples: 19** **RAM: 1 MB** **Level 2**
Extracted repetition
Portato, diminuendo, 1st to 9th note
1 velocity layer

04 SX-Al_rep_cre9_sta-1 (2/3/4/5/6/7/8/9) **Samples: 19** **RAM: 1 MB** **Level 2**
Extracted repetition
Staccato, crescendo, 1st to 9th note
1 velocity layer

04 SX-Al_rep_dim9_sta-1 (2/3/4/5/6/7/8/9) **Samples: 19** **RAM: 1 MB** **Level 2**
Extracted repetition
Staccato, diminuendo, 1st to 9th note
1 velocity layer

98 RESOURCES/02 Long Notes - Single Layer Range: C3–C#6



01 SX-Al_sus_p **Samples: 36** **RAM: 2 MB** **Level 2**
Sustained, piano
1 velocity layer
Release samples

02 SX-Al_sus_mp **Samples: 36** **RAM: 2 MB** **Level 2**
Sustained, mezzopiano
1 velocity layer
Release samples

03 SX-Al_sus_mf **Samples: 36** **RAM: 2 MB** **Level 2**
Sustained, mezzoforte
1 velocity layer
Release samples

04 SX-Al_sus_f **Samples: 74** **RAM: 4 MB** **Level 2**
Sustained, forte
1 velocity layer
Release samples

05 SX-Al_sus_ff **Samples: 74** **RAM: 4 MB** **Level 2**
Sustained, fortissimo
1 velocity layer
Release samples

98 RESOURCES/03 Perf Speed variation Range: C3–C#6



01 SX-Al_perf-leg_sustain **Samples: 1502 RAM: 93 MB** **Level 1**

Interval performances: Legato with sustain crossfading
3 velocity layers
Release samples

99 RELEASE

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrices

Matrix - LEVEL 1

L1 SX-AI Articulation Combi

Samples: 1448 RAM: 90 MB **Level 1**

Single notes
Staccato, portato short, sustained with and without vibrato normal and with bends, crescendo-diminuendo with vibrato 5 sec., crescendo-diminuendo without vibrato 4 sec., fortepiano and sforzato with vibrato, trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–F1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1
V1	stac	sus vib.	sus vib. bend	pfp vib. 5s.	fp vib.	trill half
V2	port. short	sus no vib.	sus no vib. bend	pfp no vib. 4s.	sfz vib.	trill whole

L1 SX-AI Perf-Legato Speed

Samples: 1936 RAM: 121 MB **Level 1**

Performance legato with vibrato and sustain crossfading, with vibrato, and fast
Performance legato with vibrato and bend release
Speed controller

Matrix switches: Horizontal: Speed, 3 zones Vertical: Modwheel, 2 zones

	H1	H2	H3
legato normal	vib. sustain XF	vib. normal	fast
legato bend	%	%	%

L1 SX-AI Perf-Repetitions Combi

Samples: 1311 RAM: 81 MB **Level 1**

Repetition performances
Legato slow
Portato
Staccato

Matrix switches: Vertical: Modwheel, 3 zones

	repetitions
V1	legato slow
V2	portato
V3	staccato

Matrix - LEVEL 2 A - Advanced

01 SX-AI Perf-Universal

Samples: 3150 RAM: 196 MB **Level 2**

Interval performances
Legato vibrato with sustain crossfading, normal, and fast
Performance glissando, up
Marcato normal and fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones Vertical: Modwheel, 3 zones

	H1	H2	H3
legato	sustain XF	normal	fast
glissando up	%	%	%
marcato	normal	normal	fast

02 SX-AI Perf-Trill Speed
Samples: 3861 RAM: 241 MB **Level 2**

Multi interval performances
Legato with vibrato, trills
Legato vibrato with bend release, trills with bend release
Glissando, trills
Speed controller

Matrix switches: Horizontal: Speed, 2 zones Vertical: Modwheel, 3 zones

	H1	H2
V1	legato vib.	trills
V2	legato vib. bends	trill bends
V3	glissando	trills

03 SX-AI Short+Long notes - All
Samples: 1603 RAM: 100 MB **Level 2**

Single notes
Staccato, portato short, portato medium
Sustained with normal and progressive vibrato, 'dirty', and without vibrato

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 4 zones

	C1	C#1	D1	D#1
V1	staccato	port. short	port. medium	sus. vibrato
V2	%	%	%	sus. prog. vib.
V3	%	%	%	sus. dirty
V4	%	%	%	sus. no vib.

Matrix - LEVEL 2 B - Standard

11 SX-AI Perf-Legato Speed
Samples: 1820 RAM: 113 MB **Level 2**

Performance legato with vibrato and sustain crossfading, with vibrato, and fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
legato	vib. sustain XF	vib. normal	fast

12 SX-AI Perf-Marcato Speed
Samples: 1412 RAM: 88 MB **Level 2**

Interval performances^mMarcato normal and fast
Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
Marcato	normal	fast

13 SX-AI Perf-Glissando Speed
Samples: 1831 RAM: 114 MB **Level 2**

Performance glissando, legato with vibrato, and legato fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
V1	glissando	legato vibrato	legato fast

14 SX-AI Short notes - All

Samples: 1202 RAM: 75 MB **Level 2**

Single notes
Staccato, portato short, portato medium, slap short and long

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
V1	staccato	port. short	port.med.	slap short	slap long

15 SX-AI Dynamics

Samples: 795 RAM: 49 MB **Level 2**

Dynamics
Medium crescendo and diminuendo with vibrato, 2, 3, and 4 sec.
Strong crescendo and diminuendo with vibrato, 3, 4, and 5 sec.
Medium crescendo and diminuendo without vibrato, 2, 3, and 4 sec.
Crescendo-diminuendo without vibrato, 2, 3, and 4 sec.
Fortepiano, sforzato, and sforzatissimo with vibrato

Matrix switches: Horizontal: Keyswitches, C1–D1 Vertical: Modwheel, 5 zones

	C1	C#1	D1
medium dyn. vib.	2 sec.	3 sec.	4 sec.
strong dyn. vib.	3 sec.	4 sec.	5 sec.
med.dyn. no vib.	2 sec.	3 sec.	4 sec.
pfp vib.	2 sec.	3 sec.	4 sec.
fp/sfz/sffz vib.	fp	sfz	sffz

16 SX-AI Trills - normal

Samples: 192 RAM: 12 MB **Level 2**

Trills
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–C#1 Vertical: Modwheel, 2 zones

	C1	C#1
half tone	normal	dynamics
whole tone	normal	dynamics

17 SX-AI Trills - accelerando

Samples: 204 RAM: 12 MB **Level 2**

Trills accelerando
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–C#1 Vertical: Modwheel, 2 zones

	C1	C#1
half tone	normal	dynamics
whole tone	normal	dynamics

18 SX-AI Trills - All

Samples: 396 RAM: 24 MB **Level 2**

Trills constant speed and accelerando
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
half tone	normal	dynamics	accelerando	acc. dynamics
whole tone	normal	dynamics	accelerando	acc. dynamics

19 SX-AI Bends - sus
Samples: 609 RAM: 38 MB **Level 2**

Sustained notes with vibrato, progressive vibrato, 'dirty', and without vibrato
Normal and with bend release

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
sus. normal	vibrato	prog. vib.	dirty	no vibrato
sus. bend	%	%	%	%

20 SX-AI Bends - Perf
Samples: 2985 RAM: 186 MB **Level 2**

Interval performances: Legato, portamento, glissando, and marcato
Normal and with bend release

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
normal	legato	portamento	glissando	marcato
bend RS	%	%	%	%

Matrix - LEVEL 2 C - Repetitions

31 SX-AI Perf-Repetitions - Combi
Samples: 1881 RAM: 117 MB **Level 2**

Repetition performances
Slow, medium, and fast legato, portato, and staccato

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
V1	legato slow	legato medium	legato fast	portato	staccato

32 SX-AI Perf-Repetitions - Speed
Samples: 1596 RAM: 99 MB **Level 2**

Repetition performances
Slow and fast legato, portato, and staccato
Speed controller

Matrix switches: Horizontal: Speed, 4 zones

	H1	H2	H3	H4
V1	legato slow	legato fast	portato	staccato

33 SX-AI Fast-Repetitions
Samples: 342 RAM: 21 MB **Level 2**

Fast repetitions
140, 150, 160, 170, 180 BPM

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
speed/BPM	140	150	160	170	180

Matrix - LEVEL 2 D - Scale+Phrase

41 SX-AI Scale runs-legato - Special
Samples: 156 RAM: 9 MB **Level 2**

Octave runs, legato, chromatic and whole tone
AB switch up/down

Matrix switches: Vertical: Modwheel, 2 zones

	legato
V1	chromatic
V2	whole tone

42 SX-AI Grace notes - All
Samples: 1189 RAM: 74 MB **Level 2**

Grace notes, minor 2nd to octave
AB switch up/down

Matrix switches: Horizontal: Keyswitches, C1–B1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1	A#1	B1
interval	min. 2nd	maj. 2nd	min. 3rd	maj. 3rd	4th	dim. 5th	5th	min. 6th	maj. 6th	min. 7th	maj. 7th	octave

Matrix - LEVEL 2 E - Keyswitch Vel

71 SX-AI Legato slow - cre5
Samples: 95 RAM: 5 MB **Level 2**

Slow legato notes: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

72 SX-AI Legato fast - cre5
Samples: 95 RAM: 5 MB **Level 2**

Fast legato notes: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

73 SX-AI Portato - cre9
Samples: 171 RAM: 10 MB **Level 2**

Portato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

74 SX-AI Staccato - cre9
Samples: 171 RAM: 10 MB **Level 2**

Staccato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

75 SX-AI Combi - cre5
Samples: 190 RAM: 11 MB **Level 2**

Slow and fast legato: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1
legato slow	1st	2nd	3rd	4th	5th
legato fast	1st	%	%	%	%

76 SX-AI Combi - cre9
Samples: 342 RAM: 21 MB **Level 2**

Portato and staccato: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

77 SX-AI Legato slow - dim5

Samples: 95 RAM: 5 MB Level 2

Slow legato notes: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

78 SX-AI Legato fast - dim5

Samples: 95 RAM: 5 MB Level 2

Fast legato notes: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

79 SX-AI Portato - dim9

Samples: 171 RAM: 10 MB Level 2

Portato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

80 SX-AI Staccato - dim9

Samples: 171 RAM: 10 MB Level 2

Staccato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

81 SX-AI Combi - dim5

Samples: 190 RAM: 11 MB Level 2

Slow and fast legato: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1
legato slow	1st	2nd	3rd	4th	5th
legato fast	1st	%	%	%	%

82 SX-AI Combi - dim9

Samples: 342 RAM: 21 MB Level 2

Portato and staccato: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

Presets

SX-AI VSL Preset Level 1 **Samples: 4415 RAM: 275 MB** **Level 1**

L1 SX-AI_Perf-Legato Speed
L1 SX-AI_Articulation Combi
L1 SX-AI_Perf-Repetitions Combi
Preset keyswitches: C2–D2

SX-AI VSL Preset Level 2 **Samples: 9050 RAM: 565 MB** **Level 2**

01 SX-AI Perf-Universal
02 SX-AI Perf-Trill Speed
L1 SX-AI Articulation Combi
31 SX-AI Perf-Repetitions - Combi
76 SX-AI Combi - cre9
19 SX-AI Bends - sus
Preset keyswitches: C2–F2

72 Tenor Sax

Patches

01 SHORT + LONG NOTES — Range: G2–E5



Single notes
Level 1: Staccato, portato short
Sustained with and without vibrato
Level 2: Portato medium, portato long marcato
Slap normal and muted, key noise
Sustained with progressive vibrato, "dirty"
Short and long bends

01 SX-Te_staccato — **Samples: 330** **RAM: 20 MB** **Level 1**
Staccato
5 velocity layers
4 Alternations

02 SX-Te_portato_short — **Samples: 330** **RAM: 20 MB** **Level 1**
Portato, short
5 velocity layers
4 Alternations

03 SX-Te_portato_medium — **Samples: 330** **RAM: 20 MB** **Level 2**
Portato, medium
5 velocity layers
4 Alternations

04 SX-Te_portato_long-marc — **Samples: 17** **RAM: 1 MB** **Level 2**
Portato, long, marcato
1 velocity layer

05 SX-Te_slap — **Range: G2–A3** **Samples: 32** **RAM: 2 MB** **Level 2**
Slap
2 velocity layers
2 Alternations

06 SX-Te_slap_mute — **Range: G2–G4** **Samples: 32** **RAM: 2 MB** **Level 2**
Slap, muted
2 velocity layers
2 Alternations

07 SX-Te_key-noise — **Samples: 22** **RAM: 1 MB** **Level 2**
Key noise
The 11 keys are repeated over the range of the Patch (F#/G – 1st key, F – 11th key)
1 velocity layer
2 Alternations

11 SX-Te_sus_Vib **Samples: 264** **RAM: 16 MB** **Level 1**
Sustained, with vibrato
4 velocity layers
Release samples

12 SX-Te_sus_Vib-progr **Samples: 150** **RAM: 9 MB** **Level 2**
Sustained, progressive vibrato
3 velocity layers
Release samples

13 SX-Te_sus_noVib **Samples: 200** **RAM: 12 MB** **Level 1**
Sustained, without vibrato
4 velocity layers
Release samples

14 SX-Te_sus_dirty **Range: G2–C5** **Samples: 124** **RAM: 7 MB** **Level 2**
Sustained, "dirty"
2 velocity layers
Release samples

21 SX-Te_bend **Samples: 80** **RAM: 5 MB** **Level 2**
Short and long downward bends
The longer bends have a glissando-like quality
3 velocity layers
AB switch: bend short/long

02 DYNAMICS **Range: G2–E5**



Single notes
Level 1: Crescendo-diminuendo with vibrato, 3 and 5 sec.
Fortepiano and sforzato with vibrato
Level 2: Medium dynamics with vibrato, 2 and 4 sec.
Strong dynamics with vibrato, 3 and 5 sec.
Medium dynamics without vibrato, 1.5 and 2 sec.
Sforzatissimo with vibrato

01 SX-Te_dyn-me_Vib_2s **Samples: 68** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 2 sec.
2 velocity layers
AB switch: crescendo/diminuendo

02 SX-Te_dyn-me_Vib_4s **Samples: 68** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 4 sec.
2 velocity layers
AB switch: crescendo/diminuendo

11 SX-Te_dyn-str_Vib_3s **Samples: 66** **RAM: 4 MB** **Level 2**
Strong crescendo and diminuendo with vibrato, 3 sec.
1 velocity layer
AB switch: crescendo/diminuendo

12 SX-Te_dyn-str_Vib_5s **Samples: 66** **RAM: 4 MB** **Level 2**
Strong crescendo and diminuendo with vibrato, 5 sec.
1 velocity layer
AB switch: crescendo/diminuendo

21 SX-Te_dyn-me_noVib_1'5s **Samples: 132** **RAM: 8 MB** **Level 2**
Medium crescendo and diminuendo without vibrato, 1.5 sec.
2 velocity layers
AB switch: crescendo/diminuendo

22 SX-Te_dyn-me_noVib_2s **Samples: 132** **RAM: 8 MB** **Level 2**
Medium crescendo and diminuendo without vibrato, 2 sec.
2 velocity layers
AB switch: crescendo/diminuendo

31 SX-Te_pfp_Vib_3s **Samples: 34** **RAM: 2 MB** **Level 1**
Crescendo-diminuendo with vibrato, 3 sec.
2 velocity layers

32 SX-Te_pfp_Vib_5s **Samples: 34** **RAM: 2 MB** **Level 1**
Crescendo-diminuendo with vibrato, 5 sec.
2 velocity layers

41 SX-Te_fp_Vib **Samples: 33** **RAM: 2 MB** **Level 1**
Fortepiano, with vibrato
1 velocity layer
2 Alternations

42 SX-Te_sfz_Vib **Samples: 33** **RAM: 2 MB** **Level 1**
Sforzato, with vibrato
1 velocity layer
2 Alternations

43 SX-Te_sffz_Vib **Samples: 33** **RAM: 2 MB** **Level 2**
Sforzatissimo, with vibrato
1 velocity layer
2 Alternations

03 FLATTER + TRILLS



Flutter tonguing and trills
Level 1: Trills normal, minor and major 2nd
Level 2: Flutter tonguing, crescendo
Trills accelerando, minor and major 2nd
Dynamics for all trills

01 SX-Te_flatter_cre **Range: G2–E5** **Samples: 33** **RAM: 2 MB** **Level 2**
Flutter tonguing, crescendo
1 velocity layer

11 SX-Te_trill_1 **Range: G2–D5** **Samples: 64** **RAM: 4 MB** **Level 1**
Trills, minor 2nd
2 velocity layers
Release samples

12 SX-Te_trill_2 **Range: G2–D5** **Samples: 64** **RAM: 4 MB** **Level 1**
Trills, major 2nd
2 velocity layers
Release samples

13 SX-Te_trill_1_dyn **Range: G2–D5** **Samples: 32** **RAM: 2 MB** **Level 2**
Trills, crescendo and diminuendo, minor 2nd
1 velocity layer
AB switch: crescendo/diminuendo

14 SX-Te_trill_2_dyn **Range: G2–D5** **Samples: 32** **RAM: 2 MB** **Level 2**
Trills, crescendo and diminuendo, major 2nd
1 velocity layer
AB switch: crescendo/diminuendo

15 SX-Te_trill_1_acc **Range: G2–D#5** **Samples: 60** **RAM: 3 MB** **Level 2**
Trills accelerando, minor 2nd
2 velocity layers
Release samples

16 SX-Te_trill_2_acc **Range: G2–D5** **Samples: 60** **RAM: 3 MB** **Level 2**
Trills accelerando, major 2nd
2 velocity layers
Release samples

17 SX-Te_trill_1_acc-dyn **Range: G2–D#5** **Samples: 30** **RAM: 1 MB** **Level 2**
Trills accelerando, crescendo and diminuendo, minor 2nd
1 velocity layer
AB switch: crescendo/diminuendo

18 SX-Te_trill_2_acc-dyn **Range: G2–D5** **Samples: 30** **RAM: 1 MB** **Level 2**
Trills accelerando, crescendo and diminuendo, major 2nd
1 velocity layer
AB switch: crescendo/diminuendo

10 PERF INTERVAL — Range: G2–D5



Interval performances
Level 1: Legato with vibrato
Level 2: Legato without vibrato, sustain crossfading
Grace notes, minor 2nd to octave
Portamento
Glissandos, up, minor 2nd to octave
Marcato

---

01 SX-Te_perf-legato_Vib — **Samples: 1185 RAM: 74 MB** — **Level 1**
Legato, with vibrato
3 velocity layers
Release samples

---

02 SX-Te_perf-legato_noVib_sus — **Samples: 1063 RAM: 66 MB** — **Level 2**
Legato, without vibrato
Sustain crossfading
3 velocity layers
Release samples

---

03 SX-Te_perf-legato_grace — **Samples: 1185 RAM: 74 MB** — **Level 2**
Grace notes, legato, minor 2nd to octave
3 velocity layers
Release samples

---

04 SX-Te_perf_portamento — **Range: C3–D5** — **Samples: 315 RAM: 19 MB** — **Level 2**
Portamento
Monophonic
1 velocity layer
Release samples

---

05 SX-Te_perf-legato_gliss-up — **Samples: 544 RAM: 34 MB** — **Level 2**
Glissandos, upward, minor 2nd to octave
Monophonic
2 velocity layers
Release samples

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06 SX-Te_perf-marcato — **Samples: 790 RAM: 49 MB** — **Level 2**
Marcato
Monophonic
2 velocity layers
Release samples

11 PERF INTERVAL FAST



Range: G2–D5

Fast interval performances
Level 1: Legato
Level 2: Marcato

01 SX-Te_perf-legato_fa **Samples: 1275 RAM: 79 MB** **Level 1**
Interval performances: Legato, fast
Monophonic
3 velocity layers
Release samples

02 SX-Te_perf-marcato_fa **Samples: 973 RAM: 60 MB** **Level 2**
Interval performances: Marcato, fast
Monophonic
2 velocity layers
Release samples

12 PERF TRILL



Range: G2–D5

Multi interval performances
Level 2: Trills, legato, minor 2nd to major 3rd

01 SX-Te_perf-trill **Samples: 2904 RAM: 181 MB** **Level 2**
Performance trills, legato, minor 2nd to major 3rd
Monophonic
3 velocity layers
Release samples

13 PERF REPETITION



Repetition performances
Level 1: Legato slow
Portato fast
Staccato
Level 2: Legato fast
Portato slow
Dynamics for all repetitions

01 SX-Te_perf-rep_leg-sl **Range: G2–E5** **Samples: 255 RAM: 15 MB** **Level 1**
Repetition performances: Legato, slow
3 velocity layers

02 SX-Te_perf-rep_leg-fa **Range: G2–D5** **Samples: 240 RAM: 15 MB** **Level 2**
Repetition performances: Legato, fast
3 velocity layers

03 SX-Te_perf-rep_por-sl **Range: G2–D5** **Samples: 240** **RAM: 15 MB** **Level 2**
Repetition performances: Portato, slow
3 velocity layers

04 SX-Te_perf-rep_por-fa **Range: G2–E5** **Samples: 459** **RAM: 28 MB** **Level 1**
Repetition performances: Portato, fast
3 velocity layers

05 SX-Te_perf-rep_sta **Range: G2–D5** **Samples: 432** **RAM: 27 MB** **Level 1**
Repetition performances: Staccato
3 velocity layers

21 SX-Te_perf-rep_dyn5_leg-sl **Range: G2–E5** **Samples: 170** **RAM: 10 MB** **Level 2**
Repetition performances: Legato dynamics, slow, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

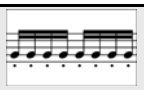
22 SX-Te_perf-rep_dyn5_leg-fa **Range: G2–D5** **Samples: 160** **RAM: 10 MB** **Level 2**
Repetition performances: Legato dynamics, fast, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

23 SX-Te_perf-rep_dyn5_por-sl **Range: G2–D5** **Samples: 160** **RAM: 10 MB** **Level 2**
Repetition performances: Portato dynamics, slow, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

24 SX-Te_perf-rep_dyn9_por-fa **Range: G2–E5** **Samples: 306** **RAM: 19 MB** **Level 2**
Repetition performances: Portato dynamics, fast, 9 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

25 SX-Te_perf-rep_dyn9_sta **Range: G2–D5** **Samples: 288** **RAM: 18 MB** **Level 2**
Repetition performances: Staccato dynamics, 9 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

14 FAST REPETITION **Range: G2–E5**



Fast repetitions
Level 2: Staccato, 9 repetitions, 140 to 180 BPM
Normal and dynamics

01 SX-Te_fast-rep_140 (150/160/170/180) **Samples: 102** **RAM: 6 MB** **Level 2**
Fast repetitions
Staccato, 9 repetitions, 140/150/160/170/180 BPM
3 velocity layers
Release samples

11 SX-Te_fast-rep_140_dyn (150/160/170/180) **Samples: 34** **RAM: 2 MB** **Level 2**
Fast repetitions
Staccato, 9 repetitions, 140/150/160/170/180 BPM, crescendo and diminuendo
1 velocity layer
AB switch: crescendo/diminuendo

15 GRACE NOTES



Phrases
Level 2: Grace notes
Minor 2nd to octave
Up and down
The samples are mapped to the target note

01 SX-Te_grace-1 **Range: G2–C#5** **Samples: 189** **RAM: 11 MB** **Level 2**
Grace notes, minor 2nd
3 velocity layers
Release samples
AB switch: up/down

02 SX-Te_grace-2 **Range: G2–D5** **Samples: 189** **RAM: 11 MB** **Level 2**
Grace notes, major 2nd
3 velocity layers
Release samples
AB switch: up/down

03 SX-Te_grace-3 **Range: G2–C#5** **Samples: 183** **RAM: 11 MB** **Level 2**
Grace notes, minor 3rd
3 velocity layers
Release samples
AB switch: up/down

04 SX-Te_grace-4 **Range: G2–D5** **Samples: 183** **RAM: 11 MB** **Level 2**
Grace notes, major 3rd
3 velocity layers
Release samples
AB switch: up/down

05 SX-Te_grace-5 **Range: G2–C#5** **Samples: 177** **RAM: 11 MB** **Level 2**
Grace notes, 4th
3 velocity layers
Release samples
AB switch: up/down

06 SX-Te_grace-6 **Range: G2–D5** **Samples: 177** **RAM: 11 MB** **Level 2**
Grace notes, diminished 5th
3 velocity layers
Release samples
AB switch: up/down

07 SX-Te_grace-7 **Range: G2–C#5** **Samples: 171** **RAM: 10 MB** **Level 2**
Grace notes, 5th
3 velocity layers
Release samples
AB switch: up/down

08 SX-Te_grace-8 **Range: G2–D5** **Samples: 171** **RAM: 10 MB** **Level 2**
Grace notes, minor 6th
3 velocity layers
Release samples
AB switch: up/down

09 SX-Te_grace-9 **Range: G2–C#5** **Samples: 165** **RAM: 10 MB** **Level 2**
Grace notes, major 6th
3 velocity layers
Release samples
AB switch: up/down

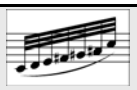
10 SX-Te_grace-10 **Range: G2–D5** **Samples: 165** **RAM: 10 MB** **Level 2**
Grace notes, minor 7th
3 velocity layers
Release samples
AB switch: up/down

11 SX-Te_grace-11 **Range: G2–C#5** **Samples: 159** **RAM: 9 MB** **Level 2**
Grace notes, major 7th
3 velocity layers
Release samples
AB switch: up/down

12 SX-Te_grace-12 **Range: G2–D5** **Samples: 159** **RAM: 9 MB** **Level 2**
Grace notes, octave
3 velocity layers
Release samples
AB switch: up/down

16 SCALE RUNS

Range: G2–D#5



Phrases
Level 2: Octave runs
Legato, chromatic and whole tone
Up and down

01 SX-Te_run-leg_chromatic **Samples: 40** **RAM: 2 MB** **Level 2**
Phrases
Octave runs, legato
Chromatic
2 velocity layers
AB switch: up/down

02 SX-Te_run-leg_whole **Samples: 40** **RAM: 2 MB** **Level 2**
Phrases
Octave runs, legato
Whole tone
2 velocity layers
AB switch: up/down

17 BENDS DOWN



Bend down release
Level 1: Sustained with and without vibrato
Legato with vibrato
Level 2: Sustained with progressive vibrato, and 'dirty'
Grace notes, portamento, glissando up, marcato interval performances
Performance trills

01 SX-Te_sus_Vib_bend **Range: G2–E5** **Samples: 212** **RAM: 13 MB** **Level 1**
Single notes: Sustained, vibrato, with bend release
4 velocity layers
Release samples
AB switch: bend short/long

02 SX-Te_sus_Vib-progr_bend **Range: G2–E5** **Samples: 131** **RAM: 8 MB** **Level 2**
Single notes: Sustained, progressive vibrato, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

03 SX-Te_sus_noVib_bend **Range: G2–E5** **Samples: 148** **RAM: 9 MB** **Level 1**
Single notes: Sustained, no vibrato, with bend release
4 velocity layers
Release samples
AB switch: bend short/long

04 SX-Te_sus_dirty_bend **Range: G2–C5** **Samples: 138** **RAM: 8 MB** **Level 2**
Single notes: Sustained, "dirty", with bend release
2 velocity layers
Release samples
AB switch: bend short/long

11 SX-Te_perf-legato_Vib_bend **Range: G2–D5** **Samples: 1166** **RAM: 72 MB** **Level 1**
Interval performances: Legato, with vibrato, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

12 SX-Te_perf-legato_grace_bend **Range: G2–D5** **Samples: 1166** **RAM: 72 MB** **Level 2**
Interval performances: Grace notes, legato, minor 2nd to octave, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

13 SX-Te_perf_portamento_bend **Range: C3–D5** **Samples: 362** **RAM: 22 MB** **Level 2**
Interval performances: Portamento, with bend release
1 velocity layer
Release samples
AB switch: bend short/long

14 SX-Te_perf-legato_gliss-up_bend **Range: G2–D5** **Samples: 558** **RAM: 34 MB** **Level 2**
Interval performances: Glissandos, upward, minor 2nd to octave, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

15 SX-Te_perf-marcato_bend **Range: G2–D5** **Samples: 804** **RAM: 50 MB** **Level 2**
Interval performances: Marcato, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

21 SX-Te_perf-trill_bend **Range: G2–D5** **Samples: 2885** **RAM: 180 MB** **Level 2**
Multi interval performances: Performance trills, legato, minor 2nd to major 3rd, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

98 RESOURCES

Resources
Level 1: Performance legato with sustain crossfading
Level 2: Isolated dynamics repetitions: Legato slow and fast, portato, staccato
Single layer long notes

98 RESOURCES/01 Perf Rep dyn



01 SX-Te_rep_cre5_leg-sl-1 (2/3/4/5) **Range: G2–E5** **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato slow, crescendo, 1st to 5th note
1 velocity layer

01 SX-Te_rep_dim5_leg-sl-1 (2/3/4/5) **Range: G2–E5** **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato slow, diminuendo, 1st to 5th note
1 velocity layer

02 SX-Te_rep_cre5_leg-fa-1 (2/3/4/5) **Range: G2–D5** **Samples: 16** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato fast, crescendo, 1st to 5th note
1 velocity layer

02 SX-Te_rep_dim5_leg-fa-1 (2/3/4/5) **Range: G2–D5** **Samples: 16** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato fast, diminuendo, 1st to 5th note
1 velocity layer

03 SX-Te_rep_cre9_por-1 (2/3/4/5/6/7/8/9) **Range: G2–E5** **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Portato, crescendo, 1st to 9th note
1 velocity layer

03 SX-Te_rep_dim9_por-1 (2/3/4/5/6/7/8/9) **Range: G2–E5** **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Portato, diminuendo, 1st to 9th note
1 velocity layer

04 SX-Te_rep_cre9_sta-1 (2/3/4/5/6/7/8/9) **Range: G2–D5** **Samples: 16** **RAM: 1 MB** **Level 2**
Extracted repetition
Staccato, crescendo, 1st to 9th note
1 velocity layer

04 SX-Te_rep_dim9_sta-1 (2/3/4/5/6/7/8/9) **Range: G2–D5** **Samples: 16** **RAM: 1 MB** **Level 2**
Extracted repetition
Staccato, diminuendo, 1st to 9th note
1 velocity layer

98 RESOURCES/02 Long Notes - Single Layer Range: G2–E5



01 SX-Te_sus_p **Samples: 66** **RAM: 4 MB** **Level 2**
Sustained, piano
1 velocity layer
Release samples

02 SX-Te_sus_mp **Samples: 66** **RAM: 4 MB** **Level 2**
Sustained, mezzopiano
1 velocity layer
Release samples

03 SX-Te_sus_mf **Samples: 66** **RAM: 4 MB** **Level 2**
Sustained, mezzoforte
1 velocity layer
Release samples

04 SX-Te_sus_f **Samples: 66** **RAM: 4 MB** **Level 2**
Sustained, forte
1 velocity layer
Release samples

98 RESOURCES/03 Perf Speed variation Range: G2–D5



01 SX-Te_perf-leg_sustain **Samples: 1247 RAM: 77 MB** **Level 1**

Interval performances: Legato with sustain crossfading
3 velocity layers
Release samples

99 RELEASE

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrices

Matrix - LEVEL 1

L1 SX-Te Articulation Combi

Samples: 1333 RAM: 83 MB **Level 1**

Single notes
Staccato, portato short, sustained with and without vibrato normal and with bends, crescendo-diminuendo with vibrato 3 and 5 sec., fortepiano and sforzato with vibrato, trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–F6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6
V1	stac	sus vib.	sus vib. bend	pfp vib. 3s.	fp vib.	trill half
V2	port. short	sus no vib.	sus no vib. bend	pfp vib. 5s.	sfz vib.	trill whole

L1 SX-Te Perf-Legato Speed

Samples: 1597 RAM: 99 MB **Level 1**

Performance legato with vibrato and sustain crossfading, with vibrato, and fast
Performance legato with vibrato and bend release
Speed controller

Matrix switches: Horizontal: Speed, 3 zones Vertical: Modwheel, 2 zones

	H1	H2	H3
legato normal	vib. sustain XF	vib. normal	fast
legato bend	%	%	%

L1 SX-Te Perf-Repetitions Combi

Samples: 1146 RAM: 71 MB **Level 1**

Repetition performances
Legato slow
Portato fast
Staccato

Matrix switches: Vertical: Modwheel, 3 zones

	repetitions
V1	legato slow
V2	portato fast
V3	staccato

Matrix - LEVEL 2 A - Advanced

01 SX-Te Perf-Universal

Samples: 2598 RAM: 162 MB **Level 2**

Interval performances
Legato vibrato with sustain crossfading, normal, and fast
Performance glissando, up
Marcato normal and fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones Vertical: Modwheel, 3 zones

	H1	H2	H3
legato	sustain XF	normal	fast
glissando up	%	%	%
marcato	normal	normal	fast

02 SX-Te Perf-Trill Speed **Samples: 3479 RAM: 217 MB** **Level 2**

Multi interval performances
Legato with vibrato, trills
Legato vibrato with bend release, trills with bend release
Glissandos, trills
Speed controller

Matrix switches: Horizontal: Speed, 2 zones Vertical: Modwheel, 3 zones

	H1	H2
V1	legato vib.	trills
V2	legato vib. bends	trill bends
V3	glissando	trills

03 SX-Te Short+Long notes - All **Samples: 1431 RAM: 89 MB** **Level 2**

Single notes
Staccato, portato short, portato medium
Sustained with normal and progressive vibrato, 'dirty', and without vibrato

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 4 zones

	C6	C#6	D6	D#6
V1	staccato	port. short	port. medium	sus. vibrato
V2	%	%	%	sus. prog. vib.
V3	%	%	%	sus. dirty
V4	%	%	%	sus. no vib.

Matrix - LEVEL 2 B - Standard

11 SX-Te Perf-Legato Speed **Samples: 1517 RAM: 94 MB** **Level 2**

Performance legato with vibrato and sustain crossfading, with vibrato, and fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
legato	vib. sustain XF	vib. normal	fast

12 SX-Te Perf-Marcato Speed **Samples: 1126 RAM: 70 MB** **Level 2**

Interval performances^mMarcato normal and fast
Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
Marcato	normal	fast

13 SX-Te Perf-Glissando Speed **Samples: 1542 RAM: 96 MB** **Level 2**

Performance glissando, legato with vibrato, and legato fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
V1	glissando	legato vibrato	legato fast

14 SX-Te Short notes - All

Samples: 1054 RAM: 65 MB **Level 2**

Single notes
Staccato, portato short, portato medium, slap normal and muted

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
V1	staccato	port. short	port. med.	slap normal	slap muted

15 SX-Te Dynamics

Samples: 665 RAM: 41 MB **Level 2**

Dynamics
Medium crescendo and diminuendo with vibrato, 2 and 4 sec.
Strong crescendo and diminuendo with vibrato, 3 and 5 sec.
Medium crescendo and diminuendo without vibrato, 1.5 and 2 sec.
Crescendo-diminuendo with vibrato, 3 and 5 sec.
Fortepiano and sforzato with vibrato

Matrix switches: Horizontal: Keyswitches, C6–C#6 Vertical: Modwheel, 5 zones

	C6	C#6
medium dyn. vib.	2 sec.	4 sec.
strong dyn. vib.	3 sec.	5 sec.
med.dyn. no vib.	1.5 sec.	2 sec.
pfp vib.	3 sec.	5 sec.
fp/sfz vib.	fp	sfz

16 SX-Te Trills - normal

Samples: 192 RAM: 12 MB **Level 2**

Trills
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–C#6 Vertical: Modwheel, 2 zones

	C6	C#6
half tone	normal	dynamics
whole tone	normal	dynamics

17 SX-Te Trills - accelerando

Samples: 180 RAM: 11 MB **Level 2**

Trills accelerando
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–C#6 Vertical: Modwheel, 2 zones

	C6	C#6
half tone	normal	dynamics
whole tone	normal	dynamics

18 SX-Te Trills - All

Samples: 372 RAM: 23 MB **Level 2**

Trills constant speed and accelerando
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
half tone	normal	dynamics	accelerando	acc. dynamics
whole tone	normal	dynamics	accelerando	acc. dynamics

19 SX-Te Bends - sus
Samples: 521 RAM: 32 MB **Level 2**

Sustained notes with vibrato, progressive vibrato, 'dirty', and without vibrato
Normal and with bend release

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
sus. normal	vibrato	prog. vib.	dirty	no vibrato
sus. bend	%	%	%	%

20 SX-Te Bends - Perf
Samples: 2331 RAM: 145 MB **Level 2**

Interval performances: Legato, portamento, glissando, and marcato
Normal and with bend release

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
normal	legato	portamento	glissando	marcato
bend RS	%	%	%	%

Matrix - LEVEL 2 C - Repetitions

31 SX-Te Perf-Repetitions - Combi
Samples: 1626 RAM: 101 MB **Level 2**

Repetition performances
Slow and fast legato, slow and fast portato, staccato

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
V1	legato slow	legato fast	portato slow	portato fast	staccato

32 SX-Te Perf-Repetitions - Speed
Samples: 1386 RAM: 86 MB **Level 2**

Repetition performances
Slow and fast legato, fast portato, staccato
Speed controller

Matrix switches: Horizontal: Speed, 4 zones

	H1	H2	H3	H4
V1	legato slow	legato fast	portato fast	staccato

33 SX-Te Fast-Repetitions
Samples: 306 RAM: 19 MB **Level 2**

Fast repetitions
140, 150, 160, 170, 180 BPM

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
speed/BPM	140	150	160	170	180

Matrix - LEVEL 2 D - Scale+Phrase

41 SX-Te Scale runs-legato - Special
Samples: 80 RAM: 5 MB **Level 2**

Octave runs, legato, chromatic and whole tone
AB switch up/down

Matrix switches: Vertical: Modwheel, 2 zones

	legato
V1	chromatic
V2	whole tone

42 SX-Te Grace notes - All

Samples: 999 **RAM: 62 MB** **Level 2**

Grace notes, minor 2nd to octave
AB switch up/down

Matrix switches: Horizontal: Keyswitches, C6–B6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6	A6	A#6	B6
interval	min. 2nd	maj. 2nd	min. 3rd	maj. 3rd	4th	dim. 5th	5th	min. 6th	maj. 6th	min. 7th	maj. 7th	octave

Matrix - LEVEL 2 E - Keyswitch Vel

71 SX-Te Legato slow - cre5

Samples: 85 **RAM: 5 MB** **Level 2**

Slow legato notes: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

72 SX-Te Legato fast - cre5

Samples: 80 **RAM: 5 MB** **Level 2**

Fast legato notes: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

73 SX-Te Portato - cre9

Samples: 153 **RAM: 9 MB** **Level 2**

Portato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

74 SX-Te Staccato - cre9

Samples: 144 **RAM: 9 MB** **Level 2**

Staccato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

75 SX-Te Combi - cre5

Samples: 165 **RAM: 10 MB** **Level 2**

Slow and fast legato: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6
legato slow	1st	2nd	3rd	4th	5th
legato fast	1st	%	%	%	%

76 SX-Te Combi - cre9

Samples: 297 **RAM: 18 MB** **Level 2**

Portato and staccato: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

77 SX-Te Legato slow - dim5

Samples: 85 **RAM: 5 MB** **Level 2**

Slow legato notes: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

78 SX-Te Legato fast - dim5

Samples: 80 **RAM: 5 MB** **Level 2**

Fast legato notes: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

79 SX-Te Portato - dim9

Samples: 153 **RAM: 9 MB** **Level 2**

Portato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

80 SX-Te Staccato - dim9

Samples: 144 **RAM: 9 MB** **Level 2**

Staccato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

81 SX-Te Combi - dim5

Samples: 165 **RAM: 10 MB** **Level 2**

Slow and fast legato: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6
legato slow	1st	2nd	3rd	4th	5th
legato fast	1st	%	%	%	%

82 SX-Te Combi - dim9

Samples: 297 **RAM: 18 MB** **Level 2**

Portato and staccato: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

Presets

SX-Te VSL Preset Level 1 **Samples: 3804 RAM: 237 MB** **Level 1**

L1 SX-Te_Perf-Legato Speed
L1 SX-Te_Articulation Combi
L1 SX-Te_Perf-Repetitions Combi
Preset keyswitches: C7–D7

SX-Te VSL Preset Level 2 **Samples: 7898 RAM: 493 MB** **Level 2**

01 SX-Te Perf-Universal
02 SX-Te Perf-Trill Speed
L1 SX-Te Articulation Combi
31 SX-Te Perf-Repetitions - Combi
76 SX-Te Combi - cre9
19 SX-Te Bends - sus
Preset keyswitches: C7–F7

73 Baritone Sax

Patches

01 SHORT + LONG NOTES — Range: C2–A4



Single notes
Level 1: Staccato, portato short
Sustained with and without vibrato
Level 2: Portato medium
Slap, key noise
Sustained with progressive vibrato, "dirty"
Short and long bends

01 SX-Br_staccato — Samples: 272 — RAM: 17 MB — Level 1
Staccato
4 velocity layers
4 Alternations

02 SX-Br_portato_short — Samples: 272 — RAM: 17 MB — Level 1
Portato, short
4 velocity layers
4 Alternations

03 SX-Br_portato_medium — Samples: 272 — RAM: 17 MB — Level 2
Portato, medium
4 velocity layers
4 Alternations

04 SX-Br_slap — Range: C2–C4 — Samples: 90 — RAM: 5 MB — Level 2
Slap
2 velocity layers
2 Alternations

05 SX-Br_key-noise — Samples: 22 — RAM: 1 MB — Level 2
Key noise
The 11 keys are repeated over the range of the Patch (B/C – 1st key, A# – 11th key)
1 velocity layer
2 Alternations

11 SX-Br_sus_Vib — Samples: 204 — RAM: 12 MB — Level 1
Sustained, with vibrato
3 velocity layers
Release samples

12 SX-Br_sus_Vib-progr — Range: C2–G#4 — Samples: 153 — RAM: 9 MB — Level 2
Sustained, progressive vibrato
3 velocity layers
Release samples

13 SX-Br_sus_noVib **Range: C2–G#4** **Samples: 153** **RAM: 9 MB** **Level 1**
Sustained, without vibrato
3 velocity layers
Release samples

14 SX-Br_sus_dirty **Range: C2–F#4** **Samples: 114** **RAM: 7 MB** **Level 2**
Sustained, "dirty"
2 velocity layers
Release samples

21 SX-Br_bend **Samples: 68** **RAM: 4 MB** **Level 2**
Short and long downward bends
The longer bends have a glissando-like quality
2 velocity layers
AB switch: bend short/long

02 DYNAMICS Range: C2–A4



Single notes
Level 1: Crescendo-diminuendo with vibrato, 3 and 5 sec.
Fortepiano and sforzato without vibrato
Level 2: Medium dynamics with vibrato, 1.5/2/5 sec.
Strong dynamics with vibrato, 3 and 5 sec.
Medium dynamics without vibrato, 1.5/2/3 sec.
Sforzatissimo without vibrato

01 SX-Br_dyn-me_Vib_1'5s **Samples: 68** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 1.5 sec.
2 velocity layers
AB switch: crescendo/diminuendo

02 SX-Br_dyn-me_Vib_2s **Samples: 68** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 2 sec.
2 velocity layers
AB switch: crescendo/diminuendo

03 SX-Br_dyn-me_Vib_5s **Samples: 68** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo with vibrato, 5 sec.
2 velocity layers
AB switch: crescendo/diminuendo

11 SX-Br_dyn-str_Vib_3s **Samples: 34** **RAM: 2 MB** **Level 2**
Strong crescendo and diminuendo with vibrato, 3 sec.
1 velocity layer
AB switch: crescendo/diminuendo

12 SX-Br_dyn-str_Vib_5s **Samples: 34** **RAM: 2 MB** **Level 2**
Strong crescendo and diminuendo with vibrato, 5 sec.
1 velocity layer
AB switch: crescendo/diminuendo

21 SX-Br_dyn-me_noVib_1'5s **Samples: 68** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo without vibrato, 1.5 sec.
2 velocity layers
AB switch: crescendo/diminuendo

22 SX-Br_dyn-me_noVib_2s **Samples: 68** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo without vibrato, 2 sec.
2 velocity layers
AB switch: crescendo/diminuendo

23 SX-Br_dyn-me_noVib_3s **Samples: 68** **RAM: 4 MB** **Level 2**
Medium crescendo and diminuendo without vibrato, 3 sec.
2 velocity layers
AB switch: crescendo/diminuendo

31 SX-Br_pfp_Vib_3s **Samples: 34** **RAM: 2 MB** **Level 1**
Crescendo-diminuendo with vibrato, 3 sec.
2 velocity layers

32 SX-Br_pfp_Vib_5s **Samples: 34** **RAM: 2 MB** **Level 1**
Crescendo-diminuendo with vibrato, 5 sec.
2 velocity layers

41 SX-Br_fp_noVib **Samples: 65** **RAM: 4 MB** **Level 1**
Fortepiano, without vibrato
1 velocity layer
2 Alternations

42 SX-Br_sfz_noVib **Samples: 65** **RAM: 4 MB** **Level 1**
Sforzato, without vibrato
1 velocity layer
2 Alternations

43 SX-Br_sffz_noVib **Samples: 65** **RAM: 4 MB** **Level 2**
Sforzatissimo, without vibrato
1 velocity layer
2 Alternations

03 FLATTER + TRILLS **Range: C2–F#4**



Flutter tonguing and trills
Level 1: Trills normal, minor and major 2nd
Level 2: Flutter tonguing, crescendo
Trills accelerando, minor and major 2nd
Dynamics for all trills

01 SX-Br_flatter_cre **Range: C2–A4** **Samples: 33** **RAM: 2 MB** **Level 2**
Flutter tonguing, crescendo
1 velocity layer

11 SX-Br_trill_1 **Samples: 64** **RAM: 4 MB** **Level 1**
Trills, minor 2nd
2 velocity layers
Release samples

12 SX-Br_trill_2 **Samples: 64** **RAM: 4 MB** **Level 1**
Trills, major 2nd
2 velocity layers
Release samples

13 SX-Br_trill_1_dyn **Samples: 32** **RAM: 2 MB** **Level 2**
Trills, crescendo and diminuendo, minor 2nd
1 velocity layer
AB switch: crescendo/diminuendo

14 SX-Br_trill_2_dyn **Samples: 32** **RAM: 2 MB** **Level 2**
Trills, crescendo and diminuendo, major 2nd
1 velocity layer
AB switch: crescendo/diminuendo

15 SX-Br_trill_1_acc **Samples: 64** **RAM: 4 MB** **Level 2**
Trills accelerando, minor 2nd
2 velocity layers
Release samples

16 SX-Br_trill_2_acc **Samples: 64** **RAM: 4 MB** **Level 2**
Trills accelerando, major 2nd
2 velocity layers
Release samples

17 SX-Br_trill_1_acc-dyn **Samples: 32** **RAM: 2 MB** **Level 2**
Trills accelerando, crescendo and diminuendo, minor 2nd
1 velocity layer
AB switch: crescendo/diminuendo

18 SX-Br_trill_2_acc-dyn **Samples: 32** **RAM: 2 MB** **Level 2**
Trills accelerando, crescendo and diminuendo, major 2nd
1 velocity layer
AB switch: crescendo/diminuendo

10 PERF INTERVAL

Range: C2–G#4



Interval performances
Level 1: Legato with vibrato
Level 2: Legato without vibrato, sustain crossfading
Grace notes, minor 2nd to octave
Portamento
Marcato

01 SX-Br_perf-legato_Vib **Samples: 848** **RAM: 53 MB** **Level 1**
Legato, with vibrato
Monophonic
2 velocity layers
Release samples

02 SX-Br_perf-legato_noVib_sus **Samples: 767** **RAM: 47 MB** **Level 2**
Legato, without vibrato
Sustain crossfading
Monophonic
2 velocity layers
Release samples

03 SX-Br_perf-legato_grace **Samples: 848** **RAM: 53 MB** **Level 2**
Grace notes, legato, minor 2nd to octave
Monophonic
2 velocity layers
Release samples

04 SX-Br_perf_portamento **Samples: 424** **RAM: 26 MB** **Level 2**
Portamento
Monophonic
1 velocity layer
Release samples

05 SX-Br_perf-marcato **Samples: 848** **RAM: 53 MB** **Level 2**
Marcato
Monophonic
2 velocity layers
Release samples

11 PERF INTERVAL FAST

Range: C2–G#4



Fast interval performances
Level 1: Legato
Level 2: Marcato

01 SX-Br_perf-legato_fa **Samples: 908** **RAM: 56 MB** **Level 1**
Interval performances: Legato, fast
Monophonic
2 velocity layers
Release samples

02 SX-Br_perf-marcato_fa **Samples: 908 RAM: 56 MB Level 2**
Interval performances: Marcato, fast
Monophonic
2 velocity layers
Release samples

12 PERF TRILL Range: C2–G#4



Multi interval performances
Level 2: Trills, legato, minor 2nd to major 3rd

01 SX-Br_perf-trill **Samples: 2046 RAM: 127 MB Level 2**
Performance trills, legato, minor 2nd to major 3rd
Monophonic
2 velocity layers
Release samples

13 PERF REPETITION Range: C2–G#4



Repetition performances
Level 1: Legato slow
Portato fast
Staccato
Level 2: Legato fast
Portato slow
Dynamics for all repetitions

01 SX-Br_perf-rep_leg-sl **Samples: 255 RAM: 15 MB Level 1**
Repetition performances: Legato, slow
3 velocity layers

02 SX-Br_perf-rep_leg-fa **Samples: 255 RAM: 15 MB Level 2**
Repetition performances: Legato, fast
3 velocity layers

03 SX-Br_perf-rep_por-sl **Samples: 255 RAM: 15 MB Level 2**
Repetition performances: Portato, slow
3 velocity layers

04 SX-Br_perf-rep_por-fa **Samples: 459 RAM: 28 MB Level 1**
Repetition performances: Portato, fast
3 velocity layers

05 SX-Br_perf-rep_sta **Samples: 459 RAM: 28 MB Level 1**
Repetition performances: Staccato
3 velocity layers

21 SX-Br_perf-rep_dyn5_leg-sl **Samples: 170** **RAM: 10 MB** **Level 2**
Repetition performances: Legato dynamics, slow, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

22 SX-Br_perf-rep_dyn5_leg-fa **Samples: 170** **RAM: 10 MB** **Level 2**
Repetition performances: Legato dynamics, fast, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

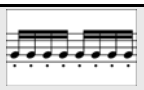
23 SX-Br_perf-rep_dyn5_por-sl **Samples: 170** **RAM: 10 MB** **Level 2**
Repetition performances: Portato dynamics, slow, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

24 SX-Br_perf-rep_dyn9_por-fa **Samples: 306** **RAM: 19 MB** **Level 2**
Repetition performances: Portato dynamics, fast, 9 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

25 SX-Br_perf-rep_dyn9_sta **Samples: 306** **RAM: 19 MB** **Level 2**
Repetition performances: Staccato dynamics, 9 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

14 FAST REPETITION

Range: C2–G#4



Fast repetitions
Level 2: Staccato, 9 repetitions, 140 to 180 BPM
Normal and dynamics

01 SX-Br_fast-rep_140 (150/160/170/180) **Samples: 102** **RAM: 6 MB** **Level 2**
Fast repetitions
Staccato, 9 repetitions, 140/150/160/170/180 BPM
3 velocity layers
Release samples

11 SX-Br_fast-rep_140_dyn (150/160/170/180) **Samples: 34** **RAM: 2 MB** **Level 2**
Fast repetitions
Staccato, 9 repetitions, 140/150/160/170/180 BPM, crescendo and diminuendo
1 velocity layer
AB switch: crescendo/diminuendo

15 GRACE NOTES



Phrases
Level 2: Grace notes
Minor 2nd to octave
Up and down
The samples are mapped to the target note

01 SX-Br_grace-1 **Range: C2–G4** **Samples: 132** **RAM: 8 MB** **Level 2**
Grace notes, minor 2nd
2 velocity layers
Release samples
AB switch: up/down

02 SX-Br_grace-2 **Range: C2–G#4** **Samples: 132** **RAM: 8 MB** **Level 2**
Grace notes, major 2nd
2 velocity layers
Release samples
AB switch: up/down

03 SX-Br_grace-3 **Range: C2–G4** **Samples: 128** **RAM: 8 MB** **Level 2**
Grace notes, minor 3rd
2 velocity layers
Release samples
AB switch: up/down

04 SX-Br_grace-4 **Range: C2–G#4** **Samples: 128** **RAM: 8 MB** **Level 2**
Grace notes, major 3rd
2 velocity layers
Release samples
AB switch: up/down

05 SX-Br_grace-5 **Range: C2–G4** **Samples: 124** **RAM: 7 MB** **Level 2**
Grace notes, 4th
2 velocity layers
Release samples
AB switch: up/down

06 SX-Br_grace-6 **Range: C2–G#4** **Samples: 124** **RAM: 7 MB** **Level 2**
Grace notes, diminished 5th
2 velocity layers
Release samples
AB switch: up/down

07 SX-Br_grace-7 **Range: C2–G4** **Samples: 120** **RAM: 7 MB** **Level 2**
Grace notes, 5th
2 velocity layers
Release samples
AB switch: up/down

08 SX-Br_grace-8 **Range: C2–G#4** **Samples: 120** **RAM: 7 MB** **Level 2**
Grace notes, minor 6th
2 velocity layers
Release samples
AB switch: up/down

09 SX-Br_grace-9 **Range: C2–G4** **Samples: 116** **RAM: 7 MB** **Level 2**
Grace notes, major 6th
2 velocity layers
Release samples
AB switch: up/down

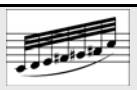
10 SX-Br_grace-10 **Range: C2–G#4** **Samples: 116** **RAM: 7 MB** **Level 2**
Grace notes, minor 7th
2 velocity layers
Release samples
AB switch: up/down

11 SX-Br_grace-11 **Range: C2–G4** **Samples: 112** **RAM: 7 MB** **Level 2**
Grace notes, major 7th
2 velocity layers
Release samples
AB switch: up/down

12 SX-Br_grace-12 **Range: C2–G#4** **Samples: 112** **RAM: 7 MB** **Level 2**
Grace notes, octave
2 velocity layers
Release samples
AB switch: up/down

16 SCALE RUNS

Range: C2–A4



Phrases
Level 2: Octave runs
Legato, chromatic and whole tone
Up and down

01 SX-Br_run-leg_chromatic **Samples: 44** **RAM: 2 MB** **Level 2**
Phrases
Octave runs, legato
Chromatic
2 velocity layers
AB switch: up/down

02 SX-Br_run-leg_whole **Samples: 44** **RAM: 2 MB** **Level 2**
Phrases
Octave runs, legato
Whole tone
2 velocity layers
AB switch: up/down

17 BENDS DOWN



Bend down release
Level 1: Sustained with and without vibrato
Legato with vibrato
Level 2: Sustained with progressive vibrato, and 'dirty'
Grace notes, portamento, marcato interval performances
Performance trills

01 SX-Br_sus_Vib_bend **Range: C2–A4** **Samples: 170** **RAM: 10 MB** **Level 1**
Single notes: Sustained, vibrato, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

02 SX-Br_sus_Vib-progr_bend **Range: C2–G#4** **Samples: 119** **RAM: 7 MB** **Level 2**
Single notes: Sustained, progressive vibrato, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

03 SX-Br_sus_noVib_bend **Range: C2–G#4** **Samples: 119** **RAM: 7 MB** **Level 1**
Single notes: Sustained, no vibrato, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

04 SX-Br_sus_dirty_bend **Range: C2–F#4** **Samples: 114** **RAM: 7 MB** **Level 2**
Single notes: Sustained, "dirty", with bend release
2 velocity layers
Release samples
AB switch: bend short/long

11 SX-Br_perf-legato_Vib_bend **Range: C2–G#4** **Samples: 848** **RAM: 53 MB** **Level 1**
Interval performances: Legato, with vibrato, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

12 SX-Br_perf-legato_grace_bend **Range: C2–G#4** **Samples: 848** **RAM: 53 MB** **Level 2**
Interval performances: Grace notes, legato, minor 2nd to octave, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

13 SX-Br_perf_portamento_bend **Range: C2–G#4** **Samples: 458** **RAM: 28 MB** **Level 2**
Interval performances: Portamento, with bend release
1 velocity layer
Release samples
AB switch: bend short/long

14 SX-Br_perf-marcato_bend **Range: C2–G#4** **Samples: 848** **RAM: 53 MB** **Level 2**
Interval performances: Marcato, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

21 SX-Br_perf-trill_bend **Range: C2–G#4** **Samples: 2046** **RAM: 127 MB** **Level 2**
Multi interval performances: Performance trills, legato, minor 2nd to major 3rd, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

98 RESOURCES

Resources
Level 1: Performance legato with sustain crossfading
Level 2: Isolated dynamics repetitions: Legato slow and fast, portato, staccato
Single layer long notes

98 RESOURCES/01 Perf Rep dyn **Range: C2–G#4**



01 SX-Br_rep_cre5_leg-sl-1 (2/3/4/5) **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato slow, crescendo, 1st to 5th note
1 velocity layer

01 SX-Br_rep_dim5_leg-sl-1 (2/3/4/5) **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato slow, diminuendo, 1st to 5th note
1 velocity layer

02 SX-Br_rep_cre5_leg-fa-1 (2/3/4/5) **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato fast, crescendo, 1st to 5th note
1 velocity layer

02 SX-Br_rep_dim5_leg-fa-1 (2/3/4/5) **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato fast, diminuendo, 1st to 5th note
1 velocity layer

03 SX-Br_rep_cre9_por-1 (2/3/4/5/6/7/8/9) **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Portato, crescendo, 1st to 9th note
1 velocity layer

03 SX-Br_rep_dim9_por-1 (2/3/4/5/6/7/8/9) **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Portato, diminuendo, 1st to 9th note
1 velocity layer

04 SX-Br_rep_cre9_sta-1 (2/3/4/5/6/7/8/9) **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Staccato, crescendo, 1st to 9th note
1 velocity layer

04 SX-Br_rep_dim9_sta-1 (2/3/4/5/6/7/8/9) **Samples: 17** **RAM: 1 MB** **Level 2**
Extracted repetition
Staccato, diminuendo, 1st to 9th note
1 velocity layer

98 RESOURCES/02 Long Notes - Single Layer Range: C2–A4



01 SX-Br_sus_p **Samples: 68** **RAM: 4 MB** **Level 2**
Sustained, piano
1 velocity layer
Release samples

02 SX-Br_sus_mf **Samples: 68** **RAM: 4 MB** **Level 2**
Sustained, mezzoforte
1 velocity layer
Release samples

03 SX-Br_sus_f **Samples: 68** **RAM: 4 MB** **Level 2**
Sustained, forte
1 velocity layer
Release samples

98 RESOURCES/03 Perf Speed variation Range: C2–G#4



01 SX-Br_perf-leg_sustain **Samples: 947** **RAM: 59 MB** **Level 1**
Interval performances: Legato with sustain crossfading
2 velocity layers
Release samples

99 RELEASE

Matrices

Matrix - LEVEL 1

L1 SX-Br Articulation Combi — Samples: 861 RAM: 53 MB Level 1

Single notes
Staccato, portato short, sustained with and without vibrato normal and with bends, crescendo-diminuendo with vibrato 3 and 5 sec., fortepiano and sforzato without vibrato, trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–F6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6
V1	stac	sus vib.	sus vib. bend	pfp vib. 3s.	fp no vib.	trill half
V2	port. short	sus no vib.	sus no vib. bend	pfp vib. 5s.	sfz no vib.	trill whole

L1 SX-Br Perf-Legato Speed — Samples: 1067 RAM: 66 MB Level 1

Performance legato with vibrato and sustain crossfading, with vibrato, and fast
Performance legato with vibrato and bend release
Speed controller

Matrix switches: Horizontal: Speed, 3 zones Vertical: Modwheel, 2 zones

	H1	H2	H3
legato normal	vib. sustain XF	vib. normal	fast
legato bend	%	%	%

L1 SX-Br Perf-Repetitions Combi — Samples: 1173 RAM: 73 MB Level 1

Repetition performances
Legato slow
Portato fast
Staccato

Matrix switches: Vertical: Modwheel, 3 zones

	repetitions
V1	legato slow
V2	portato fast
V3	staccato

Matrix - LEVEL 2 A - Advanced

01 SX-Br Perf-Universal — Samples: 2392 RAM: 149 MB Level 2

Interval performances
Legato vibrato with sustain crossfading, normal, and fast
Portamento
Marcato normal and fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones Vertical: Modwheel, 3 zones

	H1	H2	H3
legato	sustain XF	normal	fast
portamento	%	%	%
marcato	normal	normal	fast

02 SX-Br Perf-Trill Speed **Samples: 2292 RAM: 143 MB** **Level 2**

Multi interval performances
Legato with vibrato, trills
Normal and with bend release
Speed controller

Matrix switches: Horizontal: Speed, 2 zones Vertical: Modwheel, 2 zones

	H1	H2
V1	legato vib.	trills
V2	legato vib. bends	trill bends

03 SX-Br Short+Long notes - All **Samples: 1066 RAM: 66 MB** **Level 2**

Single notes
Staccato, portato short, portato medium
Sustained with normal and progressive vibrato, 'dirty', and without vibrato

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 4 zones

	C6	C#6	D6	D#6
V1	staccato	port. short	port. medium	sus. vibrato
V2	%	%	%	sus. prog. vib.
V3	%	%	%	sus. dirty
V4	%	%	%	sus. no vib.

Matrix - LEVEL 2 B - Standard

11 SX-Br Perf-Legato Speed **Samples: 1067 RAM: 66 MB** **Level 2**

Performance legato with vibrato and sustain crossfading, with vibrato, and fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
legato	vib. sustain XF	vib. normal	fast

12 SX-Br Perf-Marcato Speed **Samples: 968 RAM: 60 MB** **Level 2**

Interval performances^mMarcato normal and fast
Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
Marcato	normal	fast

14 SX-Br Short notes - All **Samples: 906 RAM: 56 MB** **Level 2**

Single notes
Staccato, portato short, portato medium, and slap

Matrix switches: Horizontal: Keyswitches, C6–D#6

	C6	C#6	D6	D#6
V1	staccato	port. short	port.med.	slap

15 SX-Br Dynamics

Samples: 440 RAM: 27 MB Level 2

Dynamics
Medium crescendo and diminuendo with vibrato, 2 and 5 sec.
Strong crescendo and diminuendo with vibrato, 3 and 5 sec.
Medium crescendo and diminuendo without vibrato, 2 and 3 sec.
Crescendo-diminuendo with vibrato, 3 and 5 sec.
Fortepiano and sforzato without vibrato

Matrix switches: Horizontal: Keyswitches, C6–C#6 Vertical: Modwheel, 5 zones

	C6	C#6
medium dyn. vib.	2 sec.	5 sec.
strong dyn. vib.	3 sec.	5 sec.
med.dyn. no vib.	2 sec.	3 sec.
pfp vib.	3 sec.	5 sec.
fp/sfz no vib.	fp	sfz

16 SX-Br Trills - normal

Samples: 128 RAM: 8 MB Level 2

Trills
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–C#6 Vertical: Modwheel, 2 zones

	C6	C#6
half tone	normal	dynamics
whole tone	normal	dynamics

17 SX-Br Trills - accelerando

Samples: 128 RAM: 8 MB Level 2

Trills accelerando
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–C#6 Vertical: Modwheel, 2 zones

	C6	C#6
half tone	normal	dynamics
whole tone	normal	dynamics

18 SX-Br Trills - All

Samples: 256 RAM: 16 MB Level 2

Trills constant speed and accelerando
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
half tone	normal	dynamics	accelerando	acc. dynamics
whole tone	normal	dynamics	accelerando	acc. dynamics

19 SX-Br Bends - sus

Samples: 250 RAM: 15 MB Level 2

Sustained notes with vibrato, progressive vibrato, 'dirty', and without vibrato
Normal and with bend release

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
sus. normal	vibrato	prog. vib.	dirty	no vibrato
sus. bend	%	%	%	%

20 SX-Br Bends - Perf
Samples: 1917 RAM: 119 MB **Level 2**

Interval performances: Legato, portamento, and marcato
Normal and with bend release

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
normal	legato	portamento	portamento	marcato
bend RS	%	%	%	%

Matrix - LEVEL 2 C - Repetitions

31 SX-Br Perf-Repetitions - Combi
Samples: 1683 RAM: 105 MB **Level 2**

Repetition performances
Slow and fast legato, slow and fast portato, staccato

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
V1	legato slow	legato fast	portato slow	portato fast	staccato

32 SX-Br Perf-Repetitions - Speed
Samples: 1428 RAM: 89 MB **Level 2**

Repetition performances
Slow and fast legato, fast portato, staccato
Speed controller

Matrix switches: Horizontal: Speed, 4 zones

	H1	H2	H3	H4
V1	legato slow	legato fast	portato fast	staccato

33 SX-Br Fast-Repetitions
Samples: 255 RAM: 15 MB **Level 2**

Fast repetitions
140, 150, 160, 170, 180 BPM

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
speed/BPM	140	150	160	170	180

Matrix - LEVEL 2 D - Scale+Phrase

41 SX-Br Scale runs-legato - Special
Samples: 88 RAM: 5 MB **Level 2**

Octave runs, legato, chromatic and whole tone
AB switch up/down

Matrix switches: Vertical: Modwheel, 2 zones

	legato
V1	chromatic
V2	whole tone

42 SX-Br Grace notes - All
Samples: 648 RAM: 40 MB **Level 2**

Grace notes, minor 2nd to octave
AB switch up/down

Matrix switches: Horizontal: Keyswitches, C6–B6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6	A6	A#6	B6
interval	min. 2nd	maj. 2nd	min. 3rd	maj. 3rd	4th	dim. 5th	5th	min. 6th	maj. 6th	min. 7th	maj. 7th	octave

Matrix - LEVEL 2 E - Keyswitch Vel

71 SX-Br Legato slow - cre5

Samples: 85 **RAM: 5 MB** **Level 2**

Slow legato notes: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

72 SX-Br Legato fast - cre5

Samples: 85 **RAM: 5 MB** **Level 2**

Fast legato notes: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

73 SX-Br Portato - cre9

Samples: 153 **RAM: 9 MB** **Level 2**

Portato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

74 SX-Br Staccato - cre9

Samples: 153 **RAM: 9 MB** **Level 2**

Staccato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

75 SX-Br Combi - cre5

Samples: 170 **RAM: 10 MB** **Level 2**

Slow and fast legato: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6
legato slow	1st	2nd	3rd	4th	5th
legato fast	1st	%	%	%	%

76 SX-Br Combi - cre9

Samples: 306 **RAM: 19 MB** **Level 2**

Portato and staccato: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

77 SX-Br Legato slow - dim5

Samples: 85 **RAM: 5 MB** **Level 2**

Slow legato notes: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

78 SX-Br Legato fast - dim5

Samples: 85 **RAM: 5 MB** **Level 2**

Fast legato notes: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

79 SX-Br Portato - dim9

Samples: 153 **RAM: 9 MB** **Level 2**

Portato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

80 SX-Br Staccato - dim9

Samples: 153 **RAM: 9 MB** **Level 2**

Staccato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

81 SX-Br Combi - dim5

Samples: 170 **RAM: 10 MB** **Level 2**

Slow and fast legato: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6
legato slow	1st	2nd	3rd	4th	5th
legato fast	1st	%	%	%	%

82 SX-Br Combi - dim9

Samples: 306 **RAM: 19 MB** **Level 2**

Portato and staccato: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

Presets

SX-Br VSL Preset Level 1 **Samples: 3002 RAM: 187 MB Level 1**

L1 SX-Br_Perf-Legato Speed
L1 SX-Br_Articulation Combi
L1 SX-Br_Perf-Repetitions Combi
Preset keyswitches: C7–D7

SX-Br VSL Preset Level 2 **Samples: 6752 RAM: 422 MB Level 2**

01 SX-Br Perf-Universal
02 SX-Br Perf-Trill Speed
L1 SX-Br Articulation Combi
31 SX-Br Perf-Repetitions - Combi
76 SX-Br Combi - cre9
19 SX-Br Bends - sus
Preset keyswitches: C7–F7

74 Bass Sax

Patches

01 SHORT + LONG NOTES — Range: G1–C#4



Single notes
Level 1: Staccato, portato short
Sustained with vibrato
Level 2: Portato medium
Slap
Short and long bends

01 SX-Bs_staccato — Samples: 180 — RAM: 11 MB — Level 1
Staccato
3 velocity layers
4 Alternations

02 SX-Bs_portato_short — Samples: 180 — RAM: 11 MB — Level 1
Portato, short
3 velocity layers
4 Alternations

03 SX-Bs_portato_medium — Samples: 180 — RAM: 11 MB — Level 2
Portato, medium
3 velocity layers
4 Alternations

04 SX-Bs_slap — Range: G1–C#3 — Samples: 68 — RAM: 4 MB — Level 2
Slap
2 velocity layers
2 Alternations

11 SX-Bs_sus_Vib — Range: G1–C4 — Samples: 90 — RAM: 5 MB — Level 1
Sustained, with vibrato
3 velocity layers
Release samples

21 SX-Bs_bend — Samples: 60 — RAM: 3 MB — Level 2
Short and long downward bends
The longer bends have a glissando-like quality
2 velocity layers
AB switch: bend short/long

02 DYNAMICS

Range: G1–C4



Single notes
Level 1: Crescendo-diminuendo with vibrato, 3 and 5 sec.
Fortepiano and sforzato with vibrato
Level 2: Medium dynamics with vibrato, 4 and 5 sec.
Strong dynamics with vibrato, 3/4/5 sec.
Medium dynamics without vibrato, 1.5/2/3 sec.
Fortepiano and sforzato without vibrato

01 SX-Bs_dyn-me_Vib_4s — **Samples: 60** — **RAM: 3 MB** — **Level 2**
Medium crescendo and diminuendo with vibrato, 4 sec.
2 velocity layers
AB switch: crescendo/diminuendo

02 SX-Bs_dyn-me_Vib_5s — **Samples: 60** — **RAM: 3 MB** — **Level 2**
Medium crescendo and diminuendo with vibrato, 5 sec.
2 velocity layers
AB switch: crescendo/diminuendo

11 SX-Bs_dyn-str_Vib_3s — **Samples: 30** — **RAM: 1 MB** — **Level 2**
Strong crescendo and diminuendo with vibrato, 3 sec.
1 velocity layer
AB switch: crescendo/diminuendo

12 SX-Bs_dyn-str_Vib_4s — **Samples: 30** — **RAM: 1 MB** — **Level 2**
Strong crescendo and diminuendo with vibrato, 4 sec.
1 velocity layer
AB switch: crescendo/diminuendo

13 SX-Bs_dyn-str_Vib_5s — **Samples: 30** — **RAM: 1 MB** — **Level 2**
Strong crescendo and diminuendo with vibrato, 5 sec.
1 velocity layer
AB switch: crescendo/diminuendo

21 SX-Bs_dyn-me_noVib_1'5s — **Samples: 60** — **RAM: 3 MB** — **Level 2**
Medium crescendo and diminuendo without vibrato, 1.5 sec.
2 velocity layers
AB switch: crescendo/diminuendo

22 SX-Bs_dyn-me_noVib_2s — **Samples: 60** — **RAM: 3 MB** — **Level 2**
Medium crescendo and diminuendo without vibrato, 2 sec.
2 velocity layers
AB switch: crescendo/diminuendo

23 SX-Bs_dyn-me_noVib_3s — **Samples: 60** — **RAM: 3 MB** — **Level 2**
Medium crescendo and diminuendo without vibrato, 3 sec.
2 velocity layers
AB switch: crescendo/diminuendo

31 SX-Bs_pfp_Vib_3s — **Samples: 30** — **RAM: 1 MB** — **Level 1**
Crescendo-diminuendo with vibrato, 3 sec.
2 velocity layers

32 SX-Bs_pfp_Vib_5s **Samples: 30** **RAM: 1 MB** **Level 1**
Crescendo-diminuendo with vibrato, 5 sec.
2 velocity layers

41 SX-Bs_fp_Vib **Samples: 15** **RAM: 1 MB** **Level 1**
Fortepiano, with vibrato
1 velocity layer

42 SX-Bs_sfz_Vib **Samples: 15** **RAM: 1 MB** **Level 1**
Sforzato, with vibrato
1 velocity layer

51 SX-Bs_fp_noVib **Samples: 15** **RAM: 1 MB** **Level 2**
Fortepiano, without vibrato
1 velocity layer

52 SX-Bs_sfz_noVib **Samples: 15** **RAM: 1 MB** **Level 2**
Sforzato, without vibrato
1 velocity layer

03 FLATTER + TRILLS **Range: G1–A#3**



Flutter tonguing and trills
Level 1: Trills normal, minor and major 2nd
Level 2: Flutter tonguing, crescendo
Trills accelerando, minor and major 2nd
Dynamics for all trills

01 SX-Bs_flatter_cre **Range: G1–C4** **Samples: 29** **RAM: 1 MB** **Level 2**
Flutter tonguing, crescendo
1 velocity layer

11 SX-Bs_trill_1 **Samples: 56** **RAM: 3 MB** **Level 1**
Trills, minor 2nd
2 velocity layers
Release samples

12 SX-Bs_trill_2 **Samples: 56** **RAM: 3 MB** **Level 1**
Trills, major 2nd
2 velocity layers
Release samples

13 SX-Bs_trill_1_dyn **Samples: 28** **RAM: 1 MB** **Level 2**
Trills, crescendo and diminuendo, minor 2nd
1 velocity layer
AB switch: crescendo/diminuendo

14 SX-Bs_trill_2_dyn **Samples: 28** **RAM: 1 MB** **Level 2**
Trills, crescendo and diminuendo, major 2nd
1 velocity layer
AB switch: crescendo/diminuendo

15 SX-Bs_trill_1_acc **Samples: 56** **RAM: 3 MB** **Level 2**
Trills accelerando, minor 2nd
2 velocity layers
Release samples

16 SX-Bs_trill_2_acc **Samples: 58** **RAM: 3 MB** **Level 2**
Trills accelerando, major 2nd
2 velocity layers
Release samples

17 SX-Bs_trill_1_acc-dyn **Samples: 28** **RAM: 1 MB** **Level 2**
Trills accelerando, crescendo and diminuendo, minor 2nd
1 velocity layer
AB switch: crescendo/diminuendo

18 SX-Bs_trill_2_acc-dyn **Samples: 28** **RAM: 1 MB** **Level 2**
Trills accelerando, crescendo and diminuendo, major 2nd
1 velocity layer
AB switch: crescendo/diminuendo

10 PERF INTERVAL **Range: G1–C4**



Interval performances
Level 1: Legato with vibrato
Level 2: Grace notes, minor 2nd to octave
Glissandos, up, minor 2nd to octave
Marcato

01 SX-Bs_perf-legato_Vib **Samples: 349** **RAM: 21 MB** **Level 1**
Legato, with vibrato
Monophonic
1 velocity layer
Release samples

02 SX-Bs_perf-legato_grace **Samples: 698** **RAM: 43 MB** **Level 2**
Grace notes, legato, minor 2nd to octave
Monophonic
2 velocity layers
Release samples

03 SX-Bs_perf-legato_gliss-up **Samples: 278** **RAM: 17 MB** **Level 2**
Glissandos, upward, minor 2nd to octave
Monophonic
1 velocity layer
Release samples

04 SX-Bs_perf-marcato **Samples: 349** **RAM: 21 MB** **Level 2**
Marcato
Monophonic
1 velocity layer
Release samples

11 PERF INTERVAL FAST — Range: G1–C4



Interval performances, fast
Level 1: Legato
Level 2: Marcato

01 SX-Bs_perf-legato_fa — **Samples: 754** **RAM: 47 MB** **Level 1**
Interval performances: Legato, fast
Monophonic
2 velocity layers
Release samples

02 SX-Bs_perf-marcato_fa — **Samples: 506** **RAM: 31 MB** **Level 2**
Interval performances: Marcato, fast
Monophonic
1 velocity layer
Release samples

12 PERF TRILL — Range: G1–C4



Multi interval performances
Level 2: Trills, legato, minor to major 2nd

01 SX-Bs_perf-trill — **Samples: 1198** **RAM: 74 MB** **Level 2**
Performance trills, legato, minor to major 2nd
Monophonic
2 velocity layers
Release samples

13 PERF REPETITION — Range: G1–C4



Repetition performances
Level 1: Legato
Portato
Staccato
Level 2: Dynamics for all repetitions

01 SX-Bs_perf-rep_leg — **Samples: 150** **RAM: 9 MB** **Level 1**
Repetition performances: Legato
2 velocity layers

02 SX-Bs_perf-rep_por — **Samples: 270** **RAM: 16 MB** **Level 1**
Repetition performances: Portato
2 velocity layers

03 SX-Bs_perf-rep_sta — **Samples: 270** **RAM: 16 MB** **Level 1**
Repetition performances: Staccato
2 velocity layers

21 SX-Bs_perf-rep_dyn5_leg **Samples: 150** **RAM: 9 MB** **Level 2**
Repetition performances: Legato dynamics, 5 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

22 SX-Bs_perf-rep_dyn9_por **Samples: 270** **RAM: 16 MB** **Level 2**
Repetition performances: Portato dynamics, 9 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

23 SX-Bs_perf-rep_dyn9_sta **Samples: 270** **RAM: 16 MB** **Level 2**
Repetition performances: Staccato dynamics, 9 repetitions
1 velocity layer
AB switch: crescendo/diminuendo

14 GRACE NOTES



Phrases
Level 2: Grace notes
Minor 2nd to octave
Up and down
The samples are mapped to the target note

01 SX-Bs_grace-1 **Range: G1–B3** **Samples: 86** **RAM: 5 MB** **Level 2**
Grace notes, minor 2nd
2 velocity layers
Release samples
AB switch: up/down

02 SX-Bs_grace-2 **Range: G1–C4** **Samples: 86** **RAM: 5 MB** **Level 2**
Grace notes, major 2nd
2 velocity layers
Release samples
AB switch: up/down

03 SX-Bs_grace-3 **Range: G1–B3** **Samples: 82** **RAM: 5 MB** **Level 2**
Grace notes, minor 3rd
2 velocity layers
Release samples
AB switch: up/down

04 SX-Bs_grace-4 **Range: G1–C4** **Samples: 82** **RAM: 5 MB** **Level 2**
Grace notes, major 3rd
2 velocity layers
Release samples
AB switch: up/down

05 SX-Bs_grace-5 **Range: G1–B3** **Samples: 78** **RAM: 4 MB** **Level 2**
Grace notes, 4th
2 velocity layers
Release samples
AB switch: up/down

06 SX-Bs_grace-6 **Range: G1–C4** **Samples: 78** **RAM: 4 MB** **Level 2**
Grace notes, diminished 5th
2 velocity layers
Release samples
AB switch: up/down

07 SX-Bs_grace-7 **Range: G1–B3** **Samples: 74** **RAM: 4 MB** **Level 2**
Grace notes, 5th
2 velocity layers
Release samples
AB switch: up/down

08 SX-Bs_grace-8 **Range: G1–C4** **Samples: 74** **RAM: 4 MB** **Level 2**
Grace notes, minor 6th
2 velocity layers
Release samples
AB switch: up/down

09 SX-Bs_grace-9 **Range: G1–B3** **Samples: 70** **RAM: 4 MB** **Level 2**
Grace notes, major 6th
2 velocity layers
Release samples
AB switch: up/down

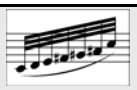
10 SX-Bs_grace-10 **Range: G1–C4** **Samples: 70** **RAM: 4 MB** **Level 2**
Grace notes, minor 7th
2 velocity layers
Release samples
AB switch: up/down

11 SX-Bs_grace-11 **Range: G1–B3** **Samples: 66** **RAM: 4 MB** **Level 2**
Grace notes, major 7th
2 velocity layers
Release samples
AB switch: up/down

12 SX-Bs_grace-12 **Range: G1–C4** **Samples: 66** **RAM: 4 MB** **Level 2**
Grace notes, octave
2 velocity layers
Release samples
AB switch: up/down

15 SCALE RUNS

Range: G1–C4



Phrases
Level 2: Octave runs
Legato, chromatic and whole tone
Up and down

01 SX-Bs_run-leg_chromatic **Samples: 18** **RAM: 1 MB** **Level 2**
Phrases
Octave runs, legato
Chromatic
1 velocity layer
AB switch: up/down

02 SX-Bs_run-leg_whole **Samples: 18** **RAM: 1 MB** **Level 2**
Phrases
Octave runs, legato
Whole tone
1 velocity layer
AB switch: up/down

16 BENDS DOWN

Range: G1–C4



Bend down release
Level 1: Sustained with vibrato
Legato with vibrato
Level 2: Sustained with progressive vibrato, and 'dirty'
Grace notes, portamento, glissando up, marcato interval performances
Performance trills

01 SX-Bs_sus_Vib_bend **Samples: 105** **RAM: 6 MB** **Level 1**
Single notes: Sustained, vibrato, with bend release
3 velocity layers
Release samples
AB switch: bend short/long

11 SX-Bs_perf-legato_Vib_bend **Samples: 394** **RAM: 24 MB** **Level 1**
Interval performances: Legato, with vibrato, with bend release
1 velocity layer
Release samples
AB switch: bend short/long

12 SX-Bs_perf-legato_grace_bend **Samples: 728** **RAM: 45 MB** **Level 2**
Interval performances: Grace notes, legato, minor 2nd to octave, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

13 SX-Bs_perf_gliss-up_bend **Samples: 308** **RAM: 19 MB** **Level 2**
Interval performances: Glissandos, upward, minor 2nd to octave, with bend release
1 velocity layer
Release samples
AB switch: bend short/long

14 SX-Bs_perf-marcato_bend **Samples: 394** **RAM: 24 MB** **Level 2**
Interval performances: Marcato, with bend release
1 velocity layer
Release samples
AB switch: bend short/long

21 SX-Bs_perf-trill_bend **Samples: 1228** **RAM: 76 MB** **Level 2**
Multi interval performances: Performance trills, legato, minor to major 2nd, with bend release
2 velocity layers
Release samples
AB switch: bend short/long

98 RESOURCES

Resources
Level 1: Performance legato with sustain crossfading
Level 2: Isolated dynamics repetitions: Legato, portato, staccato
Single layer long notes

98 RESOURCES/01 Perf Rep dyn **Range: G1–C4**



01 SX-Bs_rep_cre5_leg-1 (2/3/4/5) **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato, crescendo, 1st to 5th note
1 velocity layer

01 SX-Bs_rep_dim5_leg-1 (2/3/4/5) **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Legato, diminuendo, 1st to 5th note
1 velocity layer

02 SX-Bs_rep_cre9_por-1 (2/3/4/5/6/7/8/9) **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Portato, crescendo, 1st to 9th note
1 velocity layer

02 SX-Bs_rep_dim9_por-1 (2/3/4/5/6/7/8/9) **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Portato, diminuendo, 1st to 9th note
1 velocity layer

03 SX-Bs_rep_cre9_sta-1 (2/3/4/5/6/7/8/9) **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Staccato, crescendo, 1st to 9th note
1 velocity layer

03 SX-Bs_rep_dim9_sta-1 (2/3/4/5/6/7/8/9) **Samples: 15** **RAM: 1 MB** **Level 2**
Extracted repetition
Staccato, diminuendo, 1st to 9th note
1 velocity layer

98 RESOURCES/02 Long Notes - Single Layer Range: G1–C4



01 SX-Bs_sus_p **Samples: 30** **RAM: 1 MB** **Level 2**
Sustained, piano
1 velocity layer
Release samples

02 SX-Bs_sus_mf **Samples: 30** **RAM: 1 MB** **Level 2**
Sustained, mezzoforte
1 velocity layer
Release samples

03 SX-Bs_sus_f **Samples: 30** **RAM: 1 MB** **Level 2**
Sustained, forte
1 velocity layer
Release samples

98 RESOURCES/03 Perf Speed variation Range: G1–C4



01 SX-Bs_perf-leg_sustain **Samples: 394** **RAM: 24 MB** **Level 1**
Interval performances: Legato with sustain crossfading
1 velocity layer
Release samples

99 RELEASE

Matrices

Matrix - LEVEL 1

L1 SX-Bs Articulation Combi

Samples: 712 RAM: 44 MB Level 1

Single notes
Staccato, portato short, sustained with and without vibrato normal and with bends, crescendo-diminuendo with vibrato 3 and 5 sec., fortepiano and sforzato with vibrato, trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–F6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6
V1	stac	sus vib.	sus vib. bend	pfp vib. 3s.	fp vib.	trill half
V2	port. short	sus no vib.	sus no vib. bend	pfp vib. 5s.	sfz vib.	trill whole

L1 SX-Bs Perf-Legato Speed

Samples: 1208 RAM: 75 MB Level 1

Performance legato with vibrato and sustain crossfading, with vibrato, and fast
Performance legato with vibrato and bend release
Speed controller

Matrix switches: Horizontal: Speed, 3 zones Vertical: Modwheel, 2 zones

	H1	H2	H3
legato normal	vib. sustain XF	vib. normal	fast
legato bend	%	%	%

L1 SX-Bs Perf-Repetitions Combi

Samples: 690 RAM: 43 MB Level 1

Repetition performances
Legato, portato, staccato

Matrix switches: Vertical: Modwheel, 3 zones

	repetitions
V1	legato
V2	portato
V3	staccato

Matrix - LEVEL 2 A - Advanced

01 SX-Bs Perf-Universal

Samples: 1702 RAM: 106 MB Level 2

Interval performances
Legato vibrato with sustain crossfading, normal, and fast
Performance glissando, up
Marcato normal and fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones Vertical: Modwheel, 3 zones

	H1	H2	H3
legato	sustain XF	normal	fast
glissando up	%	%	%
marcato	normal	normal	fast

02 SX-Bs Perf-Trill Speed
Samples: 1659 RAM: 103 MB **Level 2**

Multi interval performances
Legato with vibrato, trills
Legato vibrato with bend release, trills with bend release
Glissandos, trills
Speed controller

Matrix switches: Horizontal: Speed, 2 zones Vertical: Modwheel, 3 zones

	H1	H2
V1	legato vib.	trills
V2	legato vib. bends	trill bends
V3	glissando	trills

03 SX-Bs Short+Long notes - All
Samples: 630 RAM: 39 MB **Level 2**

Single notes
Staccato, portato short, portato medium
Sustained with vibrato

Matrix switches: Horizontal: Keyswitches, C6–D#6

	C6	C#6	D6	D#6
V1	staccato	port. short	port. medium	sus. vibrato

Matrix - LEVEL 2 B - Standard

11 SX-Bs Perf-Legato Speed
Samples: 1148 RAM: 71 MB **Level 2**

Performance legato with sustain crossfading, with vibrato, and fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
legato	sustain XF	vibrato	fast

12 SX-Bs Perf-Marcato Speed
Samples: 562 RAM: 35 MB **Level 2**

Interval performances^mMarcato normal and fast
Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
Marcato	normal	fast

13 SX-Bs Perf-Glissando Speed
Samples: 1155 RAM: 72 MB **Level 2**

Performance glissando, legato with vibrato, and legato fast
Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
V1	glissando	legato vibrato	legato fast

14 SX-Bs Short notes - All
Samples: 608 RAM: 38 MB **Level 2**

Single notes
Staccato, portato short, portato medium, and slap

Matrix switches: Horizontal: Keyswitches, C6–D#6

	C6	C#6	D6	D#6
V1	staccato	port. short	port. med.	slap

15 SX-Bs Dynamics

Samples: 390 **RAM: 24 MB** **Level 2**

Dynamics
Medium crescendo and diminuendo with vibrato, 4 and 5 sec.
Strong crescendo and diminuendo with vibrato, 3 and 5 sec.
Medium crescendo and diminuendo without vibrato, 2 and 3 sec.
Crescendo-diminuendo with vibrato, 3 and 5 sec.
Fortepiano and sforzato with vibrato

Matrix switches: Horizontal: Keyswitches, C6–C#6 Vertical: Modwheel, 5 zones

	C6	C#6
medium dyn. vib.	4 sec.	5 sec.
strong dyn. vib.	3 sec.	5 sec.
med.dyn. no vib.	2 sec.	3 sec.
pfp vib.	3 sec.	5 sec.
fp/sfz vib.	fp	sfz

16 SX-Bs Trills - normal

Samples: 168 **RAM: 10 MB** **Level 2**

Trills
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–C#6 Vertical: Modwheel, 2 zones

	C6	C#6
half tone	normal	dynamics
whole tone	normal	dynamics

17 SX-Bs Trills - accelerando

Samples: 141 **RAM: 8 MB** **Level 2**

Trills accelerando
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–C#6 Vertical: Modwheel, 2 zones

	C6	C#6
half tone	normal	dynamics
whole tone	normal	dynamics

18 SX-Bs Trills - All

Samples: 309 **RAM: 19 MB** **Level 2**

Trills constant speed and accelerando
Normal and dynamics
Half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
half tone	normal	dynamics	accelerando	acc. dynamics
whole tone	normal	dynamics	accelerando	acc. dynamics

19 SX-Bs Bends - sus

Samples: 150 **RAM: 9 MB** **Level 2**

Sustained notes with vibrato
Normal and with bend release

Matrix switches: Vertical: Modwheel, 2 zones

	H1
V1	sus. vib.
V2	sus. vib. bend RS

20 SX-Bs Bends - Perf

Samples: 825 **RAM: 51 MB** **Level 2**

Interval performances: Legato, glissando, and marcato
Normal and with bend release

Matrix switches: Horizontal: Keyswitches, C6–D6 Vertical: Modwheel, 2 zones

	C6	C#6	D6
normal	legato	glissando	marcato
bend RS	%	%	%

Matrix - LEVEL 2 C - Repetitions

31 SX-Bs Perf-Repetitions - Combi

Samples: 690 **RAM: 43 MB** **Level 2**

Repetition performances
Legato, portato, and staccato

Matrix switches: Horizontal: Keyswitches, C6–D6

	C6	C#6	D6
V1	legato	portato	staccato

32 SX-Bs Perf-Repetitions - Speed

Samples: 690 **RAM: 43 MB** **Level 2**

Repetition performances
Legato, portato, and staccato
Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
V1	legato	portato	staccato

Matrix - LEVEL 2 D - Scale+Phrase

41 SX-Bs Scale runs-legato - Special

Samples: 36 **RAM: 2 MB** **Level 2**

Octave runs, legato, chromatic and whole tone
AB switch up/down

Matrix switches: Vertical: Modwheel, 2 zones

	legato
V1	chromatic
V2	whole tone

42 SX-Bs Grace notes - All

Samples: 582 **RAM: 36 MB** **Level 2**

Grace notes, minor 2nd to octave
AB switch up/down

Matrix switches: Horizontal: Keyswitches, C6–B6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6	A6	A#6	B6
interval	min. 2nd	maj. 2nd	min. 3rd	maj. 3rd	4th	dim. 5th	5th	min. 6th	maj. 6th	min. 7th	maj. 7th	octave

Matrix - LEVEL 2 E - Keyswitch Vel

71 SX-Bs Legato - cre5
Samples: 75 **RAM: 4 MB** **Level 2**

Legato notes: Crescendo, keyswitch velocity
Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

72 SX-Bs Portato - cre9
Samples: 135 **RAM: 8 MB** **Level 2**

Portato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

73 SX-Bs Staccato - cre9
Samples: 135 **RAM: 8 MB** **Level 2**

Staccato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

74 SX-Bs Combi - cre9
Samples: 270 **RAM: 16 MB** **Level 2**

Portato and staccato: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

75 SX-Bs Legato - dim5
Samples: 75 **RAM: 4 MB** **Level 2**

Legato notes: Diminuendo, keyswitch velocity
Keyswitches control 5 dynamic steps

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

76 SX-Bs Portato - dim9
Samples: 135 **RAM: 8 MB** **Level 2**

Portato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

77 SX-Bs Staccato - dim9
Samples: 135 **RAM: 8 MB** **Level 2**

Staccato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

78 SX-Bs Combi - dim9 **Samples: 270 RAM: 16 MB Level 2**

Portato and staccato: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

Presets

SX-Bs VSL Preset Level 1 **Samples: 2460 RAM: 153 MB Level 1**

L1 SX-Bs_Perf-Legato Speed
L1 SX-Bs_Articulation Combi
L1 SX-Bs_Perf-Repetitions Combi
Preset keyswitches: C7–D7

SX-Bs VSL Preset Level 2 **Samples: 3954 RAM: 247 MB Level 2**

01 SX-Bs Perf-Universal
02 SX-Bs Perf-Trill Speed
L1 SX-Bs Articulation Combi
31 SX-Bs Perf-Repetitions - Combi
74 SX-Bs Combi - cre9
19 SX-Bs Bends - sus
Preset keyswitches: C7–F7